



To:	Lt. Tarnesia Pringle
Organization:	Livingston County Jail
Address:	150 S. Highlander Way Howell, MI 48843
Phone:	517-540-7626
Fax or Email:	tpringle@livgov.com

QUOTATION #230264-1

**Livingston County Jail, MI – Upgrade
Analog Cameras to IP Cameras**

April 11, 2023

Dear Lt. Pringle:

Per your request, we have attached pricing in order to replace the existing, analog cameras with IP, MegaPixel cameras.

Matt Eckman with American Video Transfer, Inc. will be responsible for un-terminating your existing analog cameras from your analog encoders and removing this equipment for your disposal. American Video Transfer, Inc. will also be responsible for replacing the existing COAX cable with CAT6 cable, and providing CAT6 cable for any new camera locations. SECURITAS will provide new PoE network switches for American Video Transfer to install in the existing security equipment cabinets to accommodate the new cameras.

CCTV System Recording Parameters

The existing archive servers will be reused to record the new IP cameras with the following parameters:

- **2MP resolution for all interior Fixed Camera locations**
- **5MP resolution for all exterior Fixed Camera locations**
- **8 frames per second per camera**
- **24/7 continuous recording (Not based on motion)**
- **60 days of retention**

**We have not provided any additional video storage as part of this proposal.*

CCTV Camera Types

SECURITAS will be upgrading and replacing your existing, analog, 4CIF cameras to new, high resolution, IP cameras.

We will be replacing each of your existing, analog cameras with the following camera types depending on location:

- **Hanwha QNV-6082R1 Network Cameras**
 - Network-based
 - 1920x1080 Resolution (2 MP/HDTV 1080P)
 - Varifocal 3.2-10mm Lens
 - Wide Dynamic Range (WDR)
 - Day/Night – Automatically Removable Infrared-Cut Filter
 - No Audio Capability
 - IK 10 Impact Resistant Housing
 - Power Over Ethernet (PoE)
 - Used at interior fixed camera locations
 - Quantity (90) – Interior Surface-Mount
- **Hanwha QNV-8080R Network Cameras**
 - Network-based
 - 2592x1944 Resolution (5 MP)
 - Varifocal 3.2-10mm Lens
 - Wide Dynamic Range (WDR)
 - Day/Night – Automatically Removable Infrared-Cut Filter
 - No Audio Capability
 - IK 10 Impact Resistant Housing
 - Power Over Ethernet (PoE)
 - Used at fixed camera locations
 - Quantity (12) – Exterior with Wall Mount Arm





Camera Schedule:

Existing Analog Cameras to be replaced with IP Cameras

Cam Count	VMS Cam #	Action	Name	SEC	Backbox	New Camera	New Camera Mount	Lens	Resolution	Frame Rate	Retention	NOTE
1	1	Replace	Intake Sally Port Entrance	2	Outside Wall	QNV-8080R	SBP-301HMW2 & SBP-300W/MW1	Varifocal	5MP	8FPS	60 Days	Outdoor 4 / 5 MEGAPIXEL?
2	2	Replace	Intake Sally Port A	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
3	3	Replace	Non contact 6A	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
4	4	Replace	Max Entrance	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
5	5	Replace	Contact Room 6 (B)	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
6	6	Replace	301/302 Hallway	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
7	7	Replace	Sally Port B	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
8	8	Replace	Intake to Vestibule inner	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
9	9	Replace	Backup Intake Vest Outer	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
10	10	Replace	Intake hall / Property Rm.	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
11	12	Replace	403	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
12	13	Replace	NonContact #5/6 Vestibule	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
13	15	Replace	235/236	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
14	17	Replace	212 Main Door	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
15	18	Replace	Vestibule 271a	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
16	19	Replace	215 Dayroom A	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
17	20	Replace	215/212 Main Door/Hall	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
18	21	Replace	Jail Lobby Entrance Outside	1	Outside Wall	QNV-8080R	SBP-301HMW2 & SBP-300W/MW1	Varifocal	5MP	8FPS	60 Days	
19	22	Replace	Medical 206H Cell	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
20	24	Replace	211 Main door / Hall	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
21	25	Replace	125b Vestibule Side	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
22	26	Replace	125a Hall	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
23	27	Replace	Jail Lobby at Main Doors	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
24	28	Replace	Door 136 @ Max Side	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
25	29	Replace	Library @ Inmate Services	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
26	30	Replace	Door 117 @ dorm hall	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
27	31	Replace	Main hall @ IS/IMAX	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
28	33	Replace	Sheriff's Front	2	Outside Wall	QNV-8080R	SBP-301HMW2 & SBP-300W/MW1	Varifocal	5MP	8FPS	60 Days	
29	34	Replace	Backyard	1	Outside Wall	QNV-8080R	SBP-301HMW2 & SBP-300W/MW1	Varifocal	5MP	8FPS	60 Days	Outdoor 4 / 5 MEGAPIXEL?
30	35	Replace	Kitchen Rear	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
31	38	Replace	Main Hallway @ Laundry	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
32	39	Replace	Datamaster	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
33	40	Replace	Video Arraignment 1a	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
34	43	Replace	Sally Port Garage door	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
35	44	Replace	Intake Vestibule @ 239 out	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
36	45	Replace	Medium 127 (A)	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
37	46	Replace	Medium 127 (B)	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
38	47	Replace	Medium 127 Porter	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
39	48	Replace	Max 128 (C)	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
40	49	Replace	Max 128 (A)	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
41	50	Replace	Med/Max Recreation	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
42	51	Replace	Dorm Rec 101 - 102	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
43	52	Replace	Dorm Rec 103 - 104	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
44	53	Replace	Vestibule 265/305	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
45	55	Replace	Medical 206I	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
46	56	Replace	Kitchen Vestibule @ outer	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
47	57	Replace	Trustee 110 (a)	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
48	58	Replace	Trustee 110 (b)	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
49	59	Replace	Inmate Services	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
50	60	Replace	Medical Hall @ Cell Doors	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
51	66	Replace	Medical Hall @ Exam Door	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
52	68	Replace	Intake at 225 door	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
53	69	Replace	Covert Interview Room	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
54	70	Replace	Inmate Services Sgt Office	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
55	71	Replace	Intake at 217 Door	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
56	72	Replace	Video Arraignment 1b	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
57	75	Replace	Intake Shower	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
58	77	Replace	Rooftop @ Front parking	1	Outside Wall	QNV-8080R	SBP-301HMW2 & SBP-300W/MW1	Varifocal	5MP	8FPS	60 Days	Outdoor 4 / 5 MEGAPIXEL?
59	78	Replace	Rooftop @ Rear Roadside	2	Outside Wall	QNV-8080R	SBP-301HMW2 & SBP-300W/MW1	Varifocal	5MP	8FPS	60 Days	Outdoor 4 / 5 MEGAPIXEL?
60	79	Replace	Rooftop Kitchen Loading	1	Outside Wall	QNV-8080R	SBP-301HMW2 & SBP-300W/MW1	Varifocal	5MP	8FPS	60 Days	Outdoor 4 / 5 MEGAPIXEL?
61	81	Replace	Intake Vestibule Outer	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
62	82	Replace	Intake Vestibule @ 239 Inner	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
63	84	Replace	Vestibule 236/305 outer	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
64	87	Replace	Intake @ Print/Picture Area	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
65	88	Replace	Intake 223a	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
66	89	Replace	Intake 223b	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
67	90	Replace	Intake 223c	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
68	91	Replace	Intake 223d	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
69	92	Replace	Intake 223e	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
70	93	Replace	Intake 224a	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
71	94	Replace	Intake 224b	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
72	95	Replace	Video Arraignment 2	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
73	96	Replace	Intake 301 Cell	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
74	97	Replace	Intake 302 Cell	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	



75	98	Replace	Rear Gate	1	Outside Wall	QNV-8080R	SBP-301HMw2 & SBP-300w/Mw1	Varifocal	5MP	8FPS	60 Days	Outdoor 4 / 5 MEGAPIXEL?
76	99	Replace	Intake hall / Property Rm.	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
77	101	Replace	Non contact #3	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
78	102	Replace	Booking 03	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
79	103	Replace	Booking 01	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
80	104	Replace	Intake Booth	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	Restricted view to LTs
81	105	Replace	Max Booth	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	Restricted view to LTs
82	107	Replace	Kitchen C @ Office	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
83	108	Replace	27lb	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
84	110	Replace	Jail Lobby at 125 Door	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
85	111	Replace	Intake @ 217 Door	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
86	112	Replace	Utility Room	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	

New IP Camera Locations

Cam Count	YMS Cam #	Action	Name	SEC	Backbox		New Camera Mount	Lens	Resolution	Frame Rate	Retention	NOTE
87	11	NEW	Nw building / Dumpster	1	Outside Wall	QNV-8080R	SBP-301HMw2 & SBP-300w/Mw1	Varifocal	5MP	8FPS	60 Days	Outdoor 4 / 5 MEGAPIXEL?
88	16	NEW	Main Medical Area	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
89	32	NEW	Screening Room in Intake	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
90	36	NEW	Visitation room 6	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
91	37	NEW	Contact room 4	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
92	42	NEW	127 Vending	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
93	54	NEW	FaceCam at 125A	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	in conduit drop down
94	65	NEW	Dorm 101 (b)	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
95	67	NEW	Dorm 102 (b)	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
96	73	NEW	Dorm 103 (b)	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
97	74	NEW	Dorm 104 (b)	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
98	76	NEW	Inside MAX control center	1	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
99	83	NEW	inside INTAKE control center	2	Backbox	QNV-6082R1	Surface	Varifocal	2MP	8FPS	60 Days	
100	??	NEW	Exterior Rear	2	Backbox	QNV-8080R	SBP-301HMw2 & SBP-300w/Mw1	Varifocal	5MP	8FPS	60 Days	
101	??	NEW	Exterior Rear	2	Backbox	QNV-8080R	SBP-301HMw2 & SBP-300w/Mw1	Varifocal	5MP	8FPS	60 Days	
102	??	NEW	Exterior Rear	2	Backbox	QNV-8080R	SBP-301HMw2 & SBP-300w/Mw1	Varifocal	5MP	8FPS	60 Days	

The price includes the equipment listed below plus labor for engineering documentation updates, PLC program modifications, Commander software updates and configuration, Genetec software configuration, IP camera configuration, and on-site validation.

Equipment and services included:

- (90)Hanwha QNV-6082R1, Fixed, Interior IP Cameras (2MP Resolution)
- (1)Spare Hanwha QNV-6082R1, Fixed, Interior IP Cameras (2MP Resolution)
- (12)Hanwha QNV-8080R, Fixed, Exterior IP Cameras (5MP Resolution) with Wall Mount Arm
- (1)Spare Hanwha QNV-8080R, Fixed, Exterior IP Cameras (5MP Resolution)
- (2)48-Port PoE Network Switches
- (1)24-Port PoE Network Switch
- (1 lot)Labor, Engineering Documentation updates
- (1 lot)Labor, PLC program modifications
- (1 lot)Labor, Commander Software updates and configuration
- (1 lot)Labor, Genetec Video Management Software configuration
- (1 lot)Labor, IP Camera configuration
- (1 lot)Labor, On-site validation
- (1 lot)Travel & Living Expenses
- (1 lot)Freight
- (1 lot)Warranty

Price **\$ 76,455.00**
Taxes NOT included

We are pleased to provide this quotation, and we hope it meets with your approval. We will wait to proceed with this change until we receive a Purchase Order/Change Order/Signed Sales Agreement. If you have any questions, please feel free to call. Terms and Conditions are attached below.

Sincerely,

Securitas Technology - Senior Sales Engineer

Direct: 833-928-0829, **Cell:** 317-919-3509

Fax: 833-810-8194

Email: dustin.hackleman@securitas.com



Terms and Conditions

GENERAL

These Terms and Conditions (“**Terms**”) shall govern the relationship between Securitas Technology Corporation (“**STC**”) and Client identified below (the “**Parties**”) in relation to the work set forth in the Quotation identified in the header of this document. All work, equipment, and services are subject to the details set forth in the Quotation and to the following agreement(s) between the Parties, in order of precedence: 1) any current master agreement; 2) and agreement directly related to the site; and 3) these Terms. STC will only proceed with the work detailed in the Quotation upon receipt of a Purchase Order or signed Sales Agreement. STC is not responsible for any work associated with hazardous materials (i.e. asbestos, lead paint, etc) that is associated with the work. This work will be the responsibility of the Owner or General Contractor.

All paperwork to be addressed to: **Securitas Technology Corporation** Please scan and email the Purchase Order or signed Sales Agreement, W-9, and a Tax Exempt Certificate.

WARRANTY

Unless otherwise specified, STC warrants that the engineering and equipment will be free from defects in material and workmanship for a period of ninety (90) days from the date the system is placed into operation. If during this warranty period, any of the equipment or parts are defective or malfunction, they will be repaired or replaced free of charge. This warranty does not include acts of God or abuse by the owner.

DISCLAIMER OF ALL OTHER WARRANTIES: EXCEPT FOR THE FOREGOING LIMITED EQUIPMENT WARRANTY DESCRIBED ABOVE, STC MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IT IS EXPRESSLY AGREED THAT UNDER NO CIRCUMSTANCES SHALL STC BE HELD LIABLE FOR ANY INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, WHETHER ARISING UNDER ALLEGED BREACH OF AGREEMENT, NEGLIGENCE, STRICT LIABILITY OR ANY OTHER LEGAL OR EQUITABLE THEORY, AND STC’S LIABILITY SHALL BE STRICTLY LIMITED AS STATED ABOVE.

ADDITIONAL CHARGES:

1. All prices quoted do not include sales tax, prevailing wage, or bonds unless specifically written on the face of the proposal.
2. Unless otherwise stated in the proposal, the price quoted is FOB shipping point. All shipments will be UPS ground.
3. Applicable permitting fees will be billed on a pass-through basis.
4. The price quoted assumes installation will be performed during STC’s normal working hours and using its own personnel. If Client requests the installation or any part thereof to be performed outside ordinary business hours or, if the installation must be performed by outside contractors, or STC’s wage rates do not apply as a result of prevailing wage requirements, or otherwise, then the installation charge will be adjusted accordingly.
5. Any changes to the system required by any government agency or Authority Having Jurisdiction will be billed to Client, and are not the responsibility of STC.

INSURANCE:

STC will carry Liability Insurance and Workers Compensation Insurance and will provide Certificates of Insurance to Contractor, with Contractor named as Certificate Holder, prior to the execution of any work. In the event STC is required to indemnify Contractor, Owner or a third party, the indemnification shall be limited to the installation amount.

ACCEPTANCE OF PROPOSAL

The above prices, specifications, and terms and conditions are satisfactory and are hereby accepted by Client. STC is authorized to do the work as specified. Payment on any invoice shall be due within thirty (30) days of receipt. These Terms shall govern notwithstanding any additional or inconsistent terms or conditions contained in any purchase order or other document submitted by Client.

Signature page follows.



IN WITNESS WHEREOF, the Parties have indicated their acceptance of the terms of this agreement by their signatures below on the dates indicated:

SECURITAS TECHNOLOGY CORPORATION	("CLIENT")
By: _____	By: _____
Name: _____	Name: _____
Title: _____	Title: _____
Date: _____	Date: _____
<small>Not Binding on STC without either Authorized Approval Signature or STC begins the Installation or Services.</small>	

This proposal may be withdrawn by us if not accepted within thirty (30) days.