

**2022 - Roosevelt HS - Access and CCTV
Upgrade**

Proposal: 11331-1-0

June 14, 2022



ITG Larson, Inc.

Presented To:

Yonkers Public Schools

John Carr

Presented By:

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ITG Larson, Inc. is pleased to provide the following proposal. Based on your input and evaluation of your project needs, we have prepared a scope of services detailing this project.

The proposed solution represents a versatile, flexible and we believe the proposed solution offers a cost-effective method of satisfying your initial requirements, which can be expanded to accommodate future needs.

ITG Larson, Inc. at your service to provide clarification, or further explanation as needed

Thank you for the opportunity to work with you.



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Yonkers Public Schools
631 Tuckahoe Road
Yonkers, NY 10710

Scope of Services

The scope of work for this project is to enhance the building's security by supplying parts and smart for cameras, access control, ILDA's and burglar alarm system for **Roosevelt High School**

This scope includes devices to be given to the GC/EC - exterior cameras and mount, interior IP Cameras/Mounts, Access Control Readers, ILDA's, burglar alarm system with Motion Detectors, Door Contacts, network video recorder, display monitor, video workstation with monitor, ~~parking gates~~, POE switches, port patch panels, access control panel and sirens to match and work with the City's existing Ccure-9000/Victor Video unification platform. This work is in alignment with COY existing platform Software House Ccure-9000, American Dynamic's Victor and other sub-systems such as IP based video intercoms, PLC/Touch screen controls and others. This work will be programmed and added to Victor Unified System including utilization of maps and events.

EC to install (as per manufacturer's instructions,) terminate and provide assistance at time of test and commissioning. EC to provide all wire, conduit and any other rough material as needed. EC to certify all cabling to verify proper installation and terminations. All certifications to be provided to ITG and BOE prior of commissioning of system.

ITG Larson to provide all equipment. ITG to provide project management throughout project. Burglar alarm system to be programmed and tested to their respected central station monitoring station by others.

ITG will prefabricate, program and pre-test all equipment prior to arriving on site in order to minimize downtime and increase efficiency. ITG will also field program certain items as needed. As this system is highly computerized, ITG will also manage all aspects of the networking IP schema needed for this project and will coordinate with owner's IT group as needed. As your partner, ITG understands the need to minimize mistakes and increase efficiency. ITG's years of experience assures this outcome.

In addition to the above:

- CAD work and design to show device placement, floor plan, device termination etc.
- Coordinate this "turn-Key" installation with the various entities and Project Manage the work as
- Coordinate meetings with end users, HR, DPW, BOE etc. and modify/revise CAD as needed
- Coordinate the various trades and specialties for turn-key solution
- Build up the needed BOM to match COY Access/CCTV/ICM/PLC platform's needs
- Design and build Device addressing Schema
- Obtain needed SWH DLL for API interface, test and verify functionality prior to deployment
- Provide Ccure/Victor/Burg/ICM programming that is based on COY Enterprise Platform Schema



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- Design, develop and provide Device naming/conventions – maintain platform’s uniformity
- Design and build needed software partitions in SWH Ccure-9000 to match ‘Operator rights’
- Create clearances in CC-9000 & Victor based on user needs and partition assignment
- Working with and coordinate with COY-IT for IP addresses and Cisco routing (YPD, YPA, YPL,YFD, BOE are on separate networks, and may have duplicate IP addresses)
- Work with COY-HR to build user’s access rights, time code, user rights, holiday schedules etc.
- Program Ccure Personnel Database to match HR project specific instructions
- Work with COY-IT for ePersonality and Ceridian HR nightly interfaces
- Where needed, work with COY vendors to get the various Burglar panels to integrate with CC 9000 as to provide unified view
- Create alarm events for things such as: panel offline, PS failure, reader offline etc.
- Work with various sub-manufacturers to develop needed API/DLL
- Create Victor-Camera integration for automatic alarm call up as needed
- Build up site specific maps and icons, lay on the COY Platform - Master
- Create Dynamic active Icons and events
- Meet with Police and assure pertinent images/configurations are available
- Provide end user and Police/IT Training
- Provide one year on-site warranty and deal with defective items



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CCTV					
QTY	Manufacturer	Part #	Description	Unit Price	Ext.Price
1	American Dynamics	ADLCD19GB	19" LCD 1280x1024, DVI-D, VGA, Audio	\$307.05	\$307.05
5	Brocade/Ruckus	ICX7250-48P	48-port 1 GbE switch PoE+ 740W with 8x1GbE SFP+ (upgradeable to 10GbE) uplink ports	\$4,324.00	\$21,620.00
7	Belden	AX104013	CAT5E KEYCONNECT PATCH PANEL 24-PORT, T568A/B, RJ45 1U, BLACK	\$163.07	\$1,141.49
38	American Dynamics	ADCIM6WALLWK	illustra 600 wall mount indoor outdoor white adapter Kit	\$106.80	\$4,058.40
38	American Dynamics	IFS08D2OCWIT	Illustra Flex 8MP mini-dome, 3.4-9mm, outdoor, vandal, clear, white, TDN w/IR, TWDR - DISCOUNT APPLIED	\$801.00	\$30,438.00
114	American Dynamics	IFS03D1OCWIT	Illustra Flex 3MP Mini-dome, 2.8-12mm, outdoor, vandal, clear, white, TDN w/IR, TWDR - DISCOUNT APPLIED	\$623.00	\$71,022.00
114	American Dynamics	IFDRECMNT	Recessed Mount for Flex Mini-Domes (IFXX Series)	\$53.40	\$6,087.60
152	American Dynamics	ADVC-VECAM	victor Professional Centrally Managed VideoEdge IP Camera Connection License - Single Camera Lic - DISCOUNT APPLIED	\$213.60	\$32,467.20
160	Belden	C501100001	PATCHCORD CAT5E, 1FT, BLACK	\$4.43	\$708.80
2	Bosch	UML-273-90	27-INCH FULL HD COLOR LED MONITOR, 1920 x 1080 RESOLUTION, VGA, DVI, HDMI, CVBS, AUDIO, 120/230VAC, 50/60 HZ, INCLUDES DESK STAND	\$384.62	\$769.24
1	American Dynamics	VIC-TWRSVR1	victor Client Minitower Workstation, Win7 Pro 64 Bit - Does not include software victor licensing	\$2,430.56	\$2,430.56
1	Middle Atlantic	UPS-2200R-IP	2200VA/1650W UPS W/NIC	\$1,809.60	\$1,809.60
10	Middle Atlantic	CG39550	JUNIPER SFP-1GE-T-C2G R	\$74.09	\$740.90
2	American Dynamics	ADVER36R5DF	VideoEdge Rack Mount NVR, 36TB RAID 5 (42 total), 4 NIC, Redundant PS - DISCOUNT APPLIED	\$26,700.00	\$53,400.00
10	American Dynamics	ADVSASC01ADD	victor Enterprise SAS License, 1 Concurrent	\$542.90	\$5,429.00



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Client Connection Add-on					
8	Belden	C501101010	PATCHCORD CAT5E, 10FT	\$6.67	\$53.36
2	Belden	AX104684	PATCH PANEL 1U WITH FRONT & REAR CABLE TRAY EMPTY FIBEREXPRESS	\$696.15	\$1,392.30
2	Bosch	NIN-70122-F0	FLEXIDOME IP PANORAMIC 12MP SENSOR, 360° LENS, EDGE & CLIENT DEWARPING, ESSENTIAL ANALYTICS	\$1,396.84	\$2,793.68

Additional Items & Discounts:

QTY	Description	Ext.Price
152	YONKERS ADDITIONAL NEGOTIATED DISCOUNT FOR CAMERAS PART # - IFS03D1OCWIT	-\$11,096.00
152	YONKERS ADDITIONAL NEGOTIATED DISCOUNT FOR SOFTWARE LICENSES PART # - ADVC-VECAM	-\$32,467.20
2	NVR DISCOUNT	-\$7,000.00

Access Control

QTY	Manufacturer	Part #	Description	Unit Price	Ext.Price
2	Coretec Communications	SWH-9016	Wall mounted, series 2000 "One Box" enclosure with included 1 x SPS-9016 and 2 x UIB-848 and configured to house JCI/Software House iStar GCM and 1 Ultra 8 ACM (not included). Additional built in space for 2 x 7AH Batteries.	\$1,640.00	\$3,280.00
4	DSC	BD7-12	12V, 7Ah, rechargeable, sealed lead acid battery	\$37.84	\$151.36
64	Bosch	ISN-CTC75-W	3/4" CONTACT WITH TERMINAL CONNECTION WHITE	\$24.82	\$1,588.48
27	Software House	SCR-SE-920P	HID multiCLASS RP40 SE Single Gang Reader, Black (920PTNNEK00000)	\$207.00	\$5,589.00
2	Software House	USTAR016-SE-NPS	iSTAR Ultra SE, 16 readers, w/enclosure, no PSU	\$7,151.15	\$14,302.30
8	Kantech	TREX-XL2	T.Rex request to exit detector, w/ tamper, piezo, timer and 2 relays, white	\$118.75	\$950.00
4	Belden	C501101010	PATCHCORD CAT5E, 10FT	\$6.67	\$26.68
200	Software House	140-124-C1000	Duo Prox II Corporate 1000 HID #1336	\$5.04	\$1,008.00
1	Software House	USTAR008-SE-NPS	iSTAR Ultra SE, 8 readers, w/enclosure, no PSU	\$5,375.60	\$5,375.60



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Intrusion and Door Alarms						
QTY	Manufacturer	Part #	Description	Unit Price	Ext.Price	
1	DSC	BD7-12	12V, 7Ah, rechargeable, sealed lead acid battery	\$37.84	\$37.84	
3	Altronix	RBST	6/12/24V 2AMP RELAY MODULE	\$11.01	\$33.03	
5	Altronix	PD8	POWER DISTRIBUTION UNIT	\$26.69	\$133.45	
208	APC	ADV-1117	TERMINAL BLOCK,22-6	\$3.64	\$757.12	
29	Bosch	ISC-PDL1-W18G	Motion Detector - 90°, Wall Mounted	\$89.30	\$2,589.70	
3	Bosch	D117	SIREN, 12V 30 WATT	\$16.87	\$50.61	
38	Coretec Communications	iLDA-3900	Intelligent Local Door Alarm, Bluetooth enabled, 2.4" display, digital iButton key fob, 4 programmable relays with built in EOL supervision. - DISCOUNT APPLIED	\$664.00	\$25,232.00	
6	Coretec Communications	ENCL16X25X5W	16"x22"x5" P-FORCE SERIES 1 enclosure and backplate, wall mount	\$360.00	\$2,160.00	
29	DSC	DM-W	Wall mount motion detector mounting bracket.	\$10.74	\$311.46	
6	DSC	HSM2108	NEO 8-Hardwired Zone Expander Module. Compatible with HS2016, HS2032, HS2064 and HS2128 control panels.	\$51.89	\$311.34	
1	DSC	HSM2208	NEO Low Current Output Module. Compatible with HS2016, HS2032, HS2064 and HS2128 control panels.	\$55.98	\$55.98	
1	DSC	12V7.2VA-CC	12V 7.2VA high efficiency level IV transformer for DSC MD-12 modem.	\$10.23	\$10.23	
2	DSC	HS2LCD	PowerSeries NEO Full Message LCD Hardwired Keypad. Compatible with HS2016, HS2032, HS2064 and HS21218 control panels.	\$176.00	\$352.00	
1	DSC	HS2128NKCP01	NEO HS2128 Control panel with CP01 software in a large cabinet. No Keypad.	\$368.03	\$368.03	
1	DSC	TL880LTVZ N	PowerSeries Pro/NEO LTE/Internet dual path communicator with image sensor functionality, Verizon SIM	\$348.75	\$348.75	



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			and built-in Z-Wave exclusive to Alarm.com services.		
8	Hoffman	CCADR20S2	DIN Rail, TS-15-(S2)	\$13.59	\$108.72
10	Software House	AS0073-000	I8 Eight Input Reader Bus Module	\$358.67	\$3,586.70
5	Software House	AS0074-000	R8 Eight Output Reader Bus Module	\$428.98	\$2,144.90
1	Winland	BZ-1	Remote Annunciator (Buzzer)	\$33.00	\$33.00

Additional Items & Discounts:

QTY	Description	Ext.Price
37	YONKERS ADDITIONAL NEGOTIATED DISCOUNT FOR ILDA - ILD-3900	-\$6,993.00

Intercom

QTY	Manufacturer	Part #	Description	Unit Price	Ext.Price
1	Aiphone	IX-MV7-HB	IX-MV7-HB IX MASTER 7" HS BLK	\$1,443.30	\$1,443.30
2	Aiphone	IX-DA	IX-DA IP VIDEO DR, SURFACE	\$933.30	\$1,866.60
1	Aiphone	RY-IP44	RY-IP44 4 IN/OUT RELAY ADAPTOR	\$612.00	\$612.00
4	Belden	C501101010	PATCHCORD CAT5E, 10FT	\$6.67	\$26.68

Labor

Labor:

QTY	Description	Ext.Price
8	Region 3 WC -Trainer	\$1,200.00
120	Region 3 WC -Project Program Manager	\$18,600.00
394	Region 3 WC -Offsite Integration and Maintenance Technician	\$59,100.00



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Wireless Cameras						
QTY	Manufacturer	Part #	Description	Unit Price	Ext.Price	
2	COM-TEC	PLCENCLOSURE	PLC ENCLOSURE OUTDOOR RATED	\$768.00	\$1,536.00	
2	Tripp-Lite	IBAR2-6D	Tripp Lite Isobar Surge Protector Metal 2 Outlet 6ft Cord 1410 Joule	\$42.24	\$84.48	
2	Comnet	CNFE4FX2TX2US	Unmanaged Switch, 4 Port, 100Mbps, 2 Fiber, 2 Copper, SFP Sold Separately	\$418.00	\$836.00	
2	Comnet	PS-DRA60-48A	48VDC 60Watt (1.25A) DIN Rail High Temp Power Supply (-40°C to +71°C With -40°C Start-Up) For PoE Applications. Screw Terminals.	\$206.80	\$413.60	
2	Comnet	NWK11/M	Mini Industrially Hardened Point-To-Multipoint Wireless Ethernet Kit for Short Range Deployments 100Mb/s, Passive Power Only. FCC (North America Excluding Canada), 0.5m distance. Includes Non Hardened Power Injector. The Recommended Temperature Hardened Power Injector is NWPM24PPI.	\$836.00	\$1,672.00	

Investment Summary

Total Equipment	\$316,056.12
Total Labor	\$78,900.00
Total Additional Items & Discounts	(\$57,556.20)
Total Proposal Amount	\$337,399.92

*Note: The above price does not include tax
Proposal is valid for 60 days.*



Clarifications & Assumptions

Subject	Include / Exclude		Subject	Include / Exclude	
AutoCAD Plans & Drawing Files	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Stub Ups & Back Boxes	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Submittals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Back Boxes	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Permits	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Conduit	<input type="checkbox"/>	<input checked="" type="checkbox"/>
System Training	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wiring	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Network Cabling & Infrastructure	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fire Stopping	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Telephone Line	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Patch & Touch-up Paint	<input type="checkbox"/>	<input checked="" type="checkbox"/>
120vac Power	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Door/Frame Preparation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Locking Hardware	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Construction Equipment	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Trim Devices	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Lift/Bucket Truck	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- *This proposal is based on a fixed rate contract and not on a time and material contract.*
- *ITG labor is provided during normal business hours Monday - Friday from 8:30 AM -5PM excluding holidays unless specified.*
- *Overtime is not included and will be charged additionally.*
- *ITG will broom sweep floors and dispose of ITG created trash daily within job site provided containers.*
- *Taxes may be charged accordingly*
- *Elevator time is included per the hours required in the specification only.*
- *Deliveries will be made during normal business hours. Overtime delivery is not included.*
- *Final testing and system delivery are included as per the project schedule only.*
- *This Proposal is valid for 60 days*
- *One Year warranty included – warranty on individual parts and services prior to project completion date may begin when system is considered in a state beneficial use*



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Terms & Conditions

- ITG LARSON, Inc. (hereinafter referred to as "ITG" or "ITG") agrees to sell, install, and program, at Subscriber's premises, and Subscriber agrees to buy an electronic security system consisting of the equipment and services described in the attached Schedule of Equipment and Services.
- DESCRIPTION OF EQUIPMENT AND SERVICES:

<input type="checkbox"/> Monitoring Center Services	<input type="checkbox"/> Repair Service	<input type="checkbox"/> Inspection	<input type="checkbox"/> Remote Subscriber Access	<input type="checkbox"/> Cameras	<input type="checkbox"/> Access Control
<input type="checkbox"/> Access Control Administration	<input type="checkbox"/> Alarm Signal Verification	<input type="checkbox"/> Guard Response	<input type="checkbox"/> Self-Monitoring		
<input type="checkbox"/> Cyber Security: Compliant Encryption	<input type="checkbox"/> Thermal Imaging Device				
<input type="checkbox"/> Other: (See Attached Schedule of Equipment and Services.)					

Proposal Acceptance

2022 - Roosevelt HS - Access and CCTV Upgrade

Yonkers Public Schools

ITG Larson, Inc.

Authorized Signature

Authorized Signature

Printed Name

Printed Name

Date

Date