Yonkers Public Schools

YPS - Cross Hill Academy Security Upgrade

160 Bolmer Ave
Yonkers, NY 10703

Prepared For: *Prepared By:*

John Carr   ERIC MICELI

Executive Director

Yonkers Public Schools

(914) 376-8008

Jcarr@Yonkerspublicschools.Org

John Carr
Executive Director

Re: YPS - Cross Hill Academy Security Upgrade
160 Bolmer Ave   Yonkers, NY 10703

Dear John,

ITG Larson, Inc. a WBE Company, 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

This proposal pricing is based on OGS Pricing Group 77201 Award 20191.

Thank you for the opportunity to work with you.

Sincerely,

ERIC MICELI

www.itglarson.com | 155 Lafayette Ave, White Plains, NY 10603 | P: (914) 719-7272
ITG Larson, Inc. *(NYS Office of General Services # PT66950)* - Certified WBE Company

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Yonkers Public Schools

YPS - Cross Hill Academy Security Upgrade

Site: 160 Bolmer Ave Yonkers, NY 10703
Contact: John Carr (914) 376-8008 Jcarr@Yonkerspublicschools.Org

Scope Of Services

This scope includes the complete installation of 2 network CCTV IP Cameras, 2 master 1 door station intercom with relay, 4 door controller and 2 locks, (DRAWINGS TO BE PROVIDED) readers to match and seamlessly 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, Automatic Nightly HR API Database downloads, License plate recognition and others. This work will be programmed and added to Victor Unified System including utilization of Interactive User's Maps and Automatic trigger of CC-9000 based events. Access to Designated CCTV cameras is then programmed by user/ client including YPD MDT view.

   Basic work is to include the installation and configuration of:

   Furnish and Install Cameras

   Furnish and install intercom master station

   Furnish and install intercom door station

   Furnish and install access control panel

   Furnish and install access control reader

   Furnish and install door contacts

   Furnish and install locks

   Furnish and install request to exit

   Furnish and install camera bracket/mount

   Provide coupling and brackets at camera mount

   Provide conduit/Metallic Raceway as needed

   Run all network CAT5, CAT5e, CAT6 cabling as needed

   Terminate all cable at camera and headend

   Crimp network cable using standard 468B method

   Test cabling

   Label all cables

Caulk and seal camera mounts

Program camera to communicate over COY/YPD/BOE networks

Work with COY IT Department for ports and network address

Work with COY IT Department to lock down network ports or open ports for cameras

Work with COY IT Department to shut TCP/UDP Ports that are not required

Work with COY IT Department to set the proper wattage on each individual POE ports as required for each camera

Program Network Video Recorder to recorder cameras, resolution, FPS, Schedules, Events, Maps etc.

Update and Program Network Video Recorder with proper permissions

Update and Program permissions for police MDT for access

Update and Program permissions for day to day operator(s) with individual permissions

Update victor client server to display new cameras

Update victor client server to show cameras in proper folder

Update victor client server to show live video for new cameras

Update and Program camera with latest firmware

Update and Remove default login credentials

Turn off un-necessary services on camera

Re-license Network Video Recorder to communicate with cameras

Update Network Video Recorder SDK to provide the latest and secure communication from NVR to network cameras

Program cameras Infrared device to automatically turn on when scene is dark (customer may need to add or move lights around accordingly)

Focus and Adjust camera views with customer

Verify cameras are properly recording

Program camera lighting settings to accommodate scenery

Update and Program screen layout as per customers desire

Program permissions for screen layouts

Train customers on connecting to new cameras

Remove excess work debris and/or material

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 needed

- 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

- 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

- 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

- Where needed, work with COY vendors to get the various Burglar panels to integrate with CC-9000 as

to provide unified view

- 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

Clarifications & Assumptions

	Include / Exclude			Include / Exclude	
AutoCad Plans & drawing files	☑	☐	Stub Ups & Back Boxes	☑	☐
Submittals	☑	☐	Back Boxes	☐	☑
Permits	☐	☑	Conduit	☑	☐
System Training	☑	☐	Coring	☑	☐
Network Cabling & Infrastructure	☑	☐	Fire Stopping	☐	☑
Telephone Line	☐	☑	Patch & Touch-up Paint	☐	☑
120vac Power	☐	☑	Door/Frame Preparation	☐	☑
Locking Hardware	☑	☐	Construction Equipment	☐	☑
Trim Devices	☑	☐	Dry Sprinkler winterizations	☐	☑

This proposal is based on a fixed rate contract.

ITG labor is provided during normal business hours Monday through Friday from 8:30 AM - 6 PM.

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 are excluded unless specifically shown as included at pricing summary lines.

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 is included as per the project schedule only.

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Investment Summary

Parts

QTY	Manufacturer	Part #	Description	Unit Price	Ext. Price
2	Accredited Lock	9600-630 (3/4" Face)	Surface strike	$427.50	$855.00
1	Aiphone	RY-IP44	IP INPUT/OUTPUT ADAPTOR FOR IP SYSTEMS, 4 DOORS/4 MASTER STATIONS (REPLACES IS-IPRY8, #37028)	$545.70	$545.70
1	Aiphone	SBX-ISDVF	SURFACE MOUNT BOX, IS-DVF, IS-SS	$180.20	$180.20
1	Aiphone	IX-DA	IP VIDEO DOOR STATION, SURFACE MOUNT	$933.30	$933.30
2	Aiphone	IX-MV	IP DIRECT VIDEO MASTER STATION	$1,390.60	$2,781.20
2	Altronix	AL600ULACM	Power Supply/Charger with Access power controller - 8 fused non power-limited outputs provide 12VDC or 24VDC @ 6 amp, outputs are individually selectable for Fail-Safe or Fail-Secure operation or as dry form C contacts, fire alarm disconnect is selectable by output, AC & battery monitoring, encl. 15.5"H x 12" W x 4.5"D, 115VAC input, UL Listed (UL294), cUL Listed, CSFM & MEA Approved.	$279.30	$558.60
2	American Dynamics	ADVSASC01ADD	victor Enterprise SAS License, 1 Concurrent Client Connection Add-on	$489.50	$979.00
2	American Dynamics	IFS03D1OCWIT	Illustra Flex 3MP Mini-dome, 2.8-12mm, outdoor, vandal, clear, white, TDN w/IR, TWDR	$550.00	$1,100.00
2	American Dynamics	ADCDMWALL	Discover, mount, wall, with pendant cap, White	$75.65	$151.30
4	DSC	BD7-12	12V, 7Ah, rechargeable, sealed lead acid battery	$32.30	$129.20
4	Linear	2GIG-DW20R-345	Recessed Door Contact NEW!	$41.33	$165.32
1	REMEE	MO-C.A.C. CABLE	TYPE M PINK plenum	$741.95	$741.95
4	REMEE	MO-CAT 5E PINK	TYPE I PINK plenum	$175.75	$703.00
1	Software House	ESTAR004-RM	iSTAR Edge 4-reader, supports four readers, with enclosure and two RM-4 modules pre-mounted 64mb RAM, 12/24 VDC input.	$1,958.00	$1,958.00
2	Software House	SCR-SE-920P-GR	HID multiCLASS RP40 SE Single Gang Reader, Gray (920PTNNEG00000)	$202.50	$405.00
2	Software House	SWH-TREX-XL2	T.REX Exit Detector w/Tamper, Piezo, Timer, and 2 Relays. White	$96.12	$192.24
18	Linear	VM133	10-foot Steel Tubing	$47.85	$861.30
10	Linear	VM132	45-degree Steel Sweep Elbow Fitting	$18.51	$185.10
20	Linear	VM131	Straight Steel Coupling	$7.07	$141.40
20	Linear	VM130	90-degree Steel Elbow Fitting	$22.73	$454.60
120	Linear	VM147	Pipe Strap with Wire Trap	$0.65	$78.00
6	Silent Knight	SBBCW	Ceiling Mount Surface Mount Back Box, White	$19.76	$118.56
7	Belden	BXBEL-AX101309	Belden Cat5e Modular Jack, White	$4.60	$32.20
7	Belden	BXBEL-C501100007	Belden Cat5e BondedPair Cord, 7ft, Blk	$4.76	$33.32

Subcontractors	Unit Price	With OGS 25% Markup
OGS Sub - Crescent Technology with OGS 25% Markup	$8,740.00	$10,925.00

Project Labor Schedule

QTY	Description	Rate	Ext. Price
30.00	Programming	$150.00	$4,500.00

Financial Summary

Total Equipment:	**$14,283.49**
Total Labor:	**$4,500.00**
Total Subcontractor with 25% OGS Markup:	**$10,925.00**
Total Proposal Amount:	**$29,708.49**
Note: The above price does not include tax.	

Proposal Acceptance

By: Yonkers Public Schools

_____
Authorized Signature

_____
Date

ITG Larson, Inc.

_____
ERIC MICELI

_____
Date

Crescent Technology Systems, Inc.
272 Dogwood Avenue
Franklin Square, NY 11010
Lic:12000265745

ESTIMATE

Customer:
ITG Larson Inc
155 Lafayette Avenue
White Plains, NY 10603

Estimate Date:
4/11/2019

Project Name:
Cross Hill Academy Install

Item	Description	Unit Price	Quantity	Amount
1	Labor Install conduit for all cameras Pull cable to all cameras Install cameras Terminate Patch panels Test all cable Install backboxes Install intercom and relay module Install card readers, motions, rex and dsm	$115	76	$8,740.00

		Subtotal	$8,740.00
		Tax	N/A
		Estimate Total	$8,740.00

ITG Larson, Inc. - Subcontractors

ITG Larson, Inc. is often called upon for a turnkey Security Systems & Solutions. This may include additional work that is outside of ITG Larson, Inc. expertise or its listed subcontractors but is required for the overall solution.

Examples of this include but are not limited to the following:
   A. Providing a Split Air Conditioning system to keep equipment running at proper equipment operating temperature.
   B. Heating, ventilating, air conditioning (HVAC) specialists to install, modify, and/or furnish material for HVAC systems including, but not limited to, building management controls, fan control, smoke control, smoke/fire dampers, ductwork, etc. as necessary.
   C. General contractor specialists to install, modify, and/or furnish material for structural changes, soffits, painting, patching, trenching, glazing, fabrication of concrete islands for gate operators etc. as necessary
   D. Specialized IT support
   E. Electrical services up to 480VAC as required
   F. Provide proper lighting for cameras to operate
   G. Cabling Services to install or modify fiber optic cabling, connectors, etc.
   H. Hiring a tree contractor to trim or remove trees to allow for optimum required camera views
   I. Locksmiths to install and modify door strikes, door closures, etc.
   J. Door Installations to replace doors, frames and all associated components including overhead garage doors and gates

ITG Larson, Inc. is permitted under the Security Systems and Solutions procurement contract (Group 77201, Contract # PT66950) to utilize subcontracting services as defined above. ITG Larson, Inc. ensures that the utilization of qualified subcontractors represents the highest levels of quality and services. ITG Larson, Inc. will take full ownership and responsibility for all work performed by the subcontractors and will oversee all aspects of their work. ITG Larson, Inc. will remain the single contractual point of contact for any work performed by these subcontractors and will take full ownership of the installation including the warranty provisions as set forth in the NYS Centralized Contract.

ITG Larson, Inc. will offer these services at the subcontractor's cost plus a fee not to exceed 25%. All work including subcontractor work will be based on a firm, fixed price contract issued by ITG Larson, Inc., and will be required to meet current prevailing wage mandates for their respective trades. The original subcontractor's quote will be provided prior to the commencement of any work. ITG Larson, Inc. will attach a copy of the subcontractors' proposal.

This fee includes the direct expenses necessary to manage the subcontractor including but not limited to:
   1. Developing a scope of work
   2. Onsite meeting with subcontractor for field conditions verification
   3. Procurement of subcontracting services
   4. Managing project related documentation (schedules, drawings, etc.)

5. Project management coordination between trades
6. Ensuring that all aspects of the project plans and specifications are satisfied.
7. Overseeing all aspects of the installation and ensuring completion in a timely manner without sacrificing quality.

ITG Larson, Inc. **List of Subcontractors** All Authorized User orders and remittances must be directed to the Prime Contractor (ITG Larson, Inc., Fed ID #: 11-3395980, NYS Vendor ID #: 1100126890)	

Company Name:	Scope of Work	Regions
J&J Enterprises & Security, Inc. 21 Peppermill Rd Roslyn NY 11576	Locksmith contractor for electrified and or non-electrified door hardware.	1-4
Crescent Technology System Inc 672 Dogwood Ave Ste 202 Franklin NY 11010	Electrical Contractor Services to install or modify electrical systems such as fiber optic cabling, line voltage hook-ups, connectors, trenching, locksmiths and/or door strikes.	1-4
C Williams Electrical Construction Inc. (MBE) 464 S. 10th Ave Mount Vernon, NY 10550	Electrical Contractor Services to install or modify electrical systems such as fiber optic cabling, line voltage hook-ups, connectors, trenching, locksmiths and/or door strikes.	1-4