

**2023 - Barack Obama School for Social  
Justice Security Upgrade**

**Proposal: 11640-1-0**

June 12, 2023

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ITG Larson, Inc.

**Presented To:**

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**City of Yonkers**

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

This proposal pricing is based on OGS Pricing Group 77201 Award 23150.

Thank you for the opportunity to work with you.



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**City of Yonkers**  
**201 Palisade Ave**  
**Yonkers, NY 10703**

## 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 **Barrack Obama School for Social Justice**

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.

### **PLEASE REFER TO PROJECT BUDGET FOR EXACT PARTS/MATERIAL AND COUNTS**

- 44 Exterior cameras and mount
- 108 Interior IP cameras and mount
- 21 Access Control readers
- 33 ILDA's
- 29 Burglar alarm system with Motion Detectors
- 56 Door contacts
- 2 Network video recorder
- 6 Display monitor
- 3 Work station
- 5 POE switches





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- 8 Port patch panels
- 2 Access control panel
- 5 Panic Buttons

**PLEASE REFER TO PROJECT BUDGET FOR EXACT PARTS/MATERIAL AND COUNTS**

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
- 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   |
| 44   | American Dynamics | ADCIM6WALLWK      | illustra 600 wall mount indoor outdoor white adapter Kit  | \$106.80    | \$4,699.20  |
| 1    | American Dynamics | ADLCD19GB         | 19" LCD 1280x1024, DVI-D, VGA, Audio  | \$307.05    | \$307.05    |
| 153  | American Dynamics | ADVC-VECAM        | victor Professional Centrally Managed VideoEdge IP Camera Connection License - Single Camera Lic - DISCOUNT APPLIED               | \$213.60    | \$32,680.80 |
| 6    | Belden            | AX104013          | CAT5E KEYCONNECT PATCH PANEL 24-PORT, T568A/B, RJ45 1U, BLACK   | \$163.07    | \$978.42    |
| 160  | Belden            | C501100001        | PATCHCORD CAT5E, 1FT, BLACK   | \$4.43      | \$708.80    |
| 3    | Brocade/Ruckus    | ICX7250-48P       | 48-port 1 GbE switch PoE+ 740W with 8x1GbE SFP+ (upgradeable to 10GbE) uplink ports   | \$4,324.00  | \$12,972.00 |
| 108  | American Dynamics | IFDRECMNT         | Recessed Mount for Flex Mini-Domes (IFXX Series)  | \$53.40     | \$5,767.20  |
| 108  | American Dynamics | IFS03D1OCWIT      | Illustra Flex 3MP Mini-dome, 2.8-12mm, outdoor, vandal, clear, white, TDN w/IR, TWDR - DISCOUNT APPLIED                           | \$623.00    | \$67,284.00 |
| 44   | American Dynamics | IFS08D2OCWIT      | Illustra Flex 8MP mini-dome, 3.4-9mm, outdoor, vandal, clear, white, TDN w/IR, TWDR - DISCOUNT APPLIED                            | \$801.00    | \$35,244.00 |
| 6    | 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    | \$2,307.72  |
| 3    | American Dynamics | VIC-TWRSVR1       | victor Client Minitower Workstation, Win7 Pro 64 Bit - Does not include software victor licensing                                 | \$2,430.56  | \$7,291.68  |
| 1    | Middle Atlantic   | UPS-2200R-IP      | 2200VA/1650W UPS W/NIC  | \$1,809.60  | \$1,809.60  |
| 6    | Middle Atlantic   | CG39550           | JUNIPER SFP-1GE-T-C2G R   | \$74.09     | \$444.54    |
| 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 |
| 5    | American Dynamics | ADVSASC01ADD      | victor Enterprise SAS License, 1 Concurrent Client Connection Add-on  | \$542.90    | \$2,714.50  |
| 10   | Belden            | C501101010        | PATCHCORD CAT5E, 10FT   | \$6.67      | \$66.70     |
| 3    | Belden            | AX104684          | PATCH PANEL 1U WITH FRONT & REAR CABLE TRAY EMPTY FIBEREXPRESS  | \$696.15    | \$2,088.45  |
| 2    | Brocade/Ruckus    | ICX7250-24P-2X10G | 24-port 1 GbE switch PoE+ 370W bundle with 2x1GbE/10GbE + 6x1GbE SFP+ (upgradeable to 10GbE) uplink/stacking ports upgrade        | \$3,008.00  | \$6,016.00  |
| 2    | Bosch             | NIN-70122-F0      | FLEXIDOME IP PANORAMIC 12MP   | \$1,396.84  | \$2,793.68  |





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|   |            |                 |  |          |          |
|---|------------|-----------------|--|----------|----------|
|   |            |                 | SENSOR, 360° LENS, EDGE & CLIENT DEWARPING, ESSENTIAL ANALYTICS                      |          |          |
| 1 | Bosch      | VEZ-A2-WW       | MOUNT FLEXIDOME IP indoor 4000 / 5000 (MUST USE NDA-ADTVEZ-DOME ADAPTOR), WHITE      | \$94.00  | \$94.00  |
| 1 | Bosch      | NDA-ADTVEZ-DOME | ADAPTOR TO MATE WITH SPECIFIED WALL & PIPE MOUNTS; ADAPTOR TO MATE TO ELECTRICAL BOX | \$10.06  | \$10.06  |
| 1 | Tripp-Lite | SRW10USG        | Tripp Lite 10U Wall Mount Rack Enclosure Cabinet w/Swinging Plexiglass Door          | \$468.00 | \$468.00 |

**Additional Items & Discounts:**

| QTY | Description  | Ext.Price    |
|-----|--|--------------|
| 153 | YONKERS ADDITIONAL NEGOTIATED DISCOUNT FOR CAMERAS PART # - IFS03D1OCWIT         | -\$8,109.00  |
| 153 | YONKERS ADDITIONAL NEGOTIATED DISCOUNT FOR SOFTWARE LICENSES PART # - ADVC-VECAM | -\$32,680.80 |
| 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    |
| 21  | Bosch                  | ISN-CTC75-W     | 3/4" CONTACT WITH TERMINAL CONNECTION WHITE  | \$24.82    | \$521.22    |
| 21  | Software House         | SCR-SE-920P     | HID multiCLASS RP40 SE Single Gang Reader, Black (920PTNNEK00000)  | \$207.00   | \$4,347.00  |
| 2   | Software House         | USTAR016-SE-NPS | iSTAR Ultra SE, 16 readers, w/enclosure, no PSU  | \$7,151.15 | \$14,302.30 |
| 6   | Kantech                | TREX-XL2        | T.Rex request to exit detector, w/ tamper, piezo, timer and 2 relays, white  | \$118.75   | \$712.50    |
| 2   | Belden                 | C501101010      | PATCHCORD CAT5E, 10FT  | \$6.67     | \$13.34     |
| 200 | Software House         | 140-124-C1000   | Duo Prox II Corporate 1000 HID #1336   | \$5.04     | \$1,008.00  |



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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     |
| 33  | Bosch                  | ISN-CTC75-W   | 3/4" CONTACT WITH TERMINAL CONNECTION WHITE   | \$24.82    | \$819.06    |
| 3   | Altronix               | RBST          | 6/12/24V 2AMP RELAY MODULE  | \$11.01    | \$33.03     |
| 3   | Altronix               | PD8           | POWER DISTRIBUTION UNIT   | \$26.69    | \$80.07     |
| 64  | APC                    | ADV-1117      | TERMINAL BLOCK,22-6   | \$3.64     | \$232.96    |
| 29  | Bosch                  | ISC-PDL1-W18G | Motion Detector - 90°, Wall Mounted   | \$89.30    | \$2,589.70  |
| 4   | Bosch                  | D117          | SIREN, 12V 30 WATT  | \$16.87    | \$67.48     |
| 33  | 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   | \$21,912.00 |
| 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    |
| 8   | DSC                    | HSM2108       | NEO 8-Hardwired Zone Expander Module. Compatible with HS2016, HS2032, HS2064 and HS2128 control panels.   | \$51.89    | \$415.12    |
| 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     |
| 3   | DSC                    | HS2LCD        | PowerSeries NEO Full Message LCD Hardwired Keypad. Compatible with HS2016, HS2032, HS2064 and HS21218 control panels.   | \$176.00   | \$528.00    |
| 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 and built-in Z-Wave exclusive to Alarm.com services.       | \$348.75   | \$348.75    |
| 4   | Hoffman                | CCADR20S2     | DIN Rail, TS-15-(S2)  | \$13.59    | \$54.36     |
| 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     |



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**Additional Items & Discounts:**

| QTY | Description  | Ext.Price   |
|-----|--|-------------|
| 29  | YONKERS ADDITIONAL NEGOTIATED DISCOUNT FOR ILDA - ILD-3900 | -\$5,481.00 |

**Intercom**

| QTY | Manufacturer | Part #     | Description                       | Unit Price | Ext.Price  |
|-----|--------------|------------|-----------------------------------|------------|------------|
| 3   | Aiphone      | IX-MV7-HB  | IX-MV7-HB IX MASTER 7" HS BLK     | \$1,443.30 | \$4,329.90 |
| 3   | Aiphone      | IX-DA      | IX-DA IP VIDEO DR, SURFACE        | \$933.30   | \$2,799.90 |
| 1   | Aiphone      | RY-IP44    | RY-IP44 4 IN/OUT RELAY<br>ADAPTOR | \$612.00   | \$612.00   |
| 7   | Belden       | C501101010 | PATCHCORD CAT5E, 10FT             | \$6.67     | \$46.69    |

**Labor**

**Labor:**

| QTY | Description   | Ext.Price   |
|-----|---|-------------|
| 8   | Region 3 WC -Trainer  | \$1,200.00  |
| 120 | Region 3 WC -Project Program Manager                        | \$18,600.00 |
| 322 | Region 3 WC -Offsite Integration and Maintenance Technician | \$48,300.00 |

## Investment Summary

|   |                      |
|---|----------------------|
| <b>Total Equipment</b>                        | <b>\$308,059.28</b>  |
| <b>Total Labor</b>                            | <b>\$68,100.00</b>   |
| <b>Total Additional Items &amp; Discounts</b> | <b>(\$53,270.80)</b> |
| <b>Total Miscellaneous Items</b>              | <b>\$41.54</b>       |
| <b>Total Proposal Amount</b>                  | <b>\$322,930.02</b>  |

*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

### 2023 - Barack Obama School for Social Justice Security Upgrade

City of Yonkers

ITG Larson, Inc.

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Printed Name

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Date

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Date