



Proposal: 6541-1-0
Date: 12/24/2019

Yonkers Public Schools
2019 - YPS School 17 Doors Site & Security Estimate

745 Midland Ave
Yonkers, NY 10704

Prepared For:

John Carr
Executive Director
Yonkers Public Schools
(914) 376-8008
Jcarr@Yonkerspublicschools.Org





John Carr
Executive Director
YPS School 17
745 Midland Ave
Yonkers NY 10704

Re: 2019 - YPS School 17 Doors Site & Security Estimate
745 Midland Ave Yonkers, NY 10704

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 23150.

Thank you for the opportunity to work with you.

Sincerely,

Christopher Connors
Account Manager



Yonkers Public Schools

2019 - YPS School 17 Doors Site & Security Estimate

Site: 745 Midland Ave Yonkers, NY 10704

Contact: John Carr (914) 376-8008 Jcarr@Yonkerspublicschools.Org

Scope Of Services

The scope of work for this project is to enhance the building's security by installing IP cameras, access control, ILDA's and burglar alarm system at School 17.

This scope includes the complete installation of 31 exterior CCTV IP Cameras with necessary mounts, 39 interior CCTV IP Cameras with necessary mounts, 15 access control readers and 19 ILDA's, complete burglar alarm system with 23 motion detectors, and 35 door contacts 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.

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.



Clarifications & Assumptions

| | Include / Exclude | | | Include / Exclude | |
|----------------------------------|-------------------------------------|-------------------------------------|------------------------------|--------------------------|-------------------------------------|
| AutoCad Plans & drawing files | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Stub Ups & Back Boxes | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Submittals | <input checked="" type="checkbox"/> | <input 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 checked="" type="checkbox"/> | <input type="checkbox"/> | Coring | <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"/> | Dry Sprinkler winterizations | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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

| QTY | Manufacturer | Part # | Description | Unit Price | Ext. Price |
|-----|------------------------|-----------------------|--|-------------|-------------|
| 2 | American Dynamics | ADVER36R5DF | VideoEdge Rack Mount NVR, 36TB RAID 5 (42 total), 4 NIC, Redundant PS | \$26,700.00 | \$53,400.00 |
| 31 | American Dynamics | ADCIM6WALLWK | illustra 600 wall mount indoor outdoor white adapter Kit | \$106.80 | \$3,310.80 |
| 5 | American Dynamics | ADVSASC01ADD | victor Enterprise SAS License, 1 Concurrent Client Connection Add-on | \$542.90 | \$2,714.50 |
| 39 | American Dynamics | IFDRECMNT | Recessed Mount for Flex Mini-Domes (IFXX Series) | \$53.40 | \$2,082.60 |
| 70 | American Dynamics | IFS03D1OCWIT | Illustra Flex 3MP Mini-dome, 2.8-12mm, outdoor, vandal, clear, white, TDN w/IR, TWDR | \$623.00 | \$43,610.00 |
| 4 | Belden | AX104013 | CAT5E KEYCONNECT PATCH PANEL 24-PORT, T568A/B, RJ45 1U, BLACK | \$163.07 | \$652.28 |
| 70 | Belden | C501100001 | PATCHCORD CAT5E, 1FT, BLACK | \$4.43 | \$310.10 |
| 19 | 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. 5 supervised inputs. Lock voltage sense for monitoring both Fail Safe and Fail Secure electrified locks with the ability to insert customer's .jpg logo. Unit is managed and programmed via provided mobile app including field programming of screen header and footer text fields. | \$664.00 | \$12,616.00 |
| 4 | Coretec Communications | ENCL16X25X5W | 16x22x5 P-FORCE SERIES 1 enclosure and backplate, wall mount | \$360.00 | \$1,440.00 |
| 1 | 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 | \$1,640.00 |
| 2 | Altronix | RBST | 6/12/24V 2AMP RELAY MODULE | \$11.01 | \$22.02 |
| 1 | Aiphone | RY-IP44 | RY-IP44 4 IN/OUT RELAY ADAPTOR | \$612.00 | \$612.00 |
| 4 | Aiphone | IX-SDH | IX-SDH STEEL DOOR HOUSING | \$229.50 | \$918.00 |
| 4 | Aiphone | IX-DA | IX-DA IP VIDEO DR, SURFACE | \$933.30 | \$3,733.20 |
| 4 | Aiphone | IX-MV | IX-MV IP VIDEO MASTER | \$1,390.60 | \$1,390.60 |
| 1 | Middle Atlantic | UPS-2200R | 2200VA/1650W UPS | \$1,538.94 | \$1,538.94 |
| 2 | Brocade/Ruckus | ICX7150-48PF-4X10GR-A | ICX 7150 Switch, 48x 10/100/1000 PoE+ ports, 2x 1G RJ45 uplink-ports, 4x 10G SFP+ uplink-ports, 740W PoE budget, L3 features (OSPF, VRRP, PIM, PBR), TAA | \$4,512.00 | \$9,024.00 |
| 36 | APC | ADV-1117 | TERMINAL BLOCK,22-6 | \$3.64 | \$131.04 |
| 4 | Hoffman | CCADR20S2 | DIN Rail, TS-15-(S2) | \$13.59 | \$54.36 |
| 1 | Winland | BZ-1 | Remote Annunciator (Buzzer) | \$33.00 | \$33.00 |
| 35 | Bosch | ISN-CTC75-W | 3/4 CONTACT WITH TERMINAL CONNECTION WHITE | \$24.82 | \$868.70 |
| 15 | Software House | SCR-SE-920P | HID multiCLASS RP40 SE Single Gang Reader, Black (920PTNNEK00000) | \$207.00 | \$3,105.00 |
| 4 | Software House | SWH-TREX-XL2 | T.REX Exit Detector w/Tamper, Piezo, Timer, and 2 Relays. White | \$79.20 | \$316.80 |
| 1 | Software House | USTAR016-SE-NPS | iSTAR Ultra SE, 16 readers, w/enclosure, no PSU | \$7,151.15 | \$7,151.15 |
| 3 | Software House | AS0074-000 | R8 Eight Output Reader Bus Module | \$428.98 | \$1,286.94 |
| 6 | Software House | AS0073-000 | I8 Eight Input Reader Bus Module | \$358.67 | \$2,152.02 |
| 4 | Altronix | PD8 | POWER DISTRIBUTION UNIT | \$26.69 | \$106.76 |
| 4 | DSC | BD7-12 | 12V, 7Ah, rechargeable, sealed lead acid battery | \$37.84 | \$151.36 |



| QTY | Manufacturer | Part # | Description | Unit Price | Ext. Price |
|-----|-------------------|-----------------|---|------------|-------------|
| 6 | Bosch | ICP-1K22AWG-10 | RESISTOR PACK 1Kohm 22awg EOL-10 | \$15.78 | \$94.68 |
| 1 | DSC | HS2128NKCP01 | NEO HS2128 Control panel with CP01 software in a large cabinet. No Keypad. | \$368.03 | \$368.03 |
| 2 | DSC | HS2LCDENG | PowerSeries NEO Full Message LCD Hardwired Keypad with English function keys. Compatible with HS2016, HS2032, HS2064 and HS21218 control panels. | \$176.00 | \$352.00 |
| 1 | DSC | TL880LTVZ | PowerSeries 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 |
| 5 | DSC | HSM2108 | NEO 8-Hardwired Zone Expander Module. Compatible with HS2016, HS2032, HS2064 and HS2128 control panels. | \$51.89 | \$259.45 |
| 1 | DSC | HSM2204 | NEO High Current Output Module. Compatible with HS2016, HS2032, HS2064 and HS2128 control panels. | \$109.96 | \$109.96 |
| 23 | Bosch | B328 | SWIVEL MOUNTING BRACKET | \$12.41 | \$285.43 |
| 23 | Bosch | ISC-PDL1-W18G | 60' PROFESSIONAL SERIES PIR/MICROWAVE TRITECH | \$89.30 | \$2,053.90 |
| 1 | Panduit | F523RSNSNSNM001 | OM2 2 Fiber 3mm Jacket Patchcord Riser S | \$33.02 | \$33.02 |
| 1 | Belden | FP1LCLC001MR4SO | PATCHCORD FIBER OM1, LC-LC | \$15.63 | \$15.63 |
| 3 | Panduit | FZ23LSNSNONM003 | OM4 2 Fiber 3mm Jacket LSZH Patchcord SC | \$44.92 | \$134.76 |
| 3 | Comnet | SFP-10G-SR | MULTIMODE, 10GB, 1310NM, 26M(OM2) / 300M(OM3), 2 FIBER LC, WITH DDM | \$132.00 | \$396.00 |
| 10 | Belden | C501100008 | PATCHCORD CAT5E, 8FT, BLACK | \$6.17 | \$61.70 |
| 70 | American Dynamics | ADVC-VECAM | victor Professional Centrally Managed VideoEdge IP Camera Connection License - Single Camera Lic | \$213.60 | \$14,952.00 |
| 23 | DSC | AMB-600 | Addressable BV-600 dual element pet immunity passive infrared detector with tamper switch. | \$68.60 | \$1,577.80 |
| 23 | DSC | DM-W | Wall mount motion detector mounting bracket. | \$10.74 | \$247.02 |

Additional Items

| QTY | Description | Ext. Price |
|-------|--|--------------|
| 70.00 | YONKERS ADDITIONAL NEGOTIATED DISCOUNT FOR CAMERAS PART # - IFS03D1OCWIT | \$-5,110.00 |
| 70.00 | YONKERS ADDITIONAL NEGOTIATED DISCOUNT FOR SOFTWARE LICENSES PART # - ADVC-VECAM | \$-14,952.00 |
| 2.00 | YONKERS ADDITIONAL NEGOTIATED DISCOUNT FOR NETWORK VIDEO RECORDER PART # ADVER36R5DF | \$-7,000.00 |
| 19.00 | YONKERS ADDITIONAL NEGOTIATED DISCOUNT FOR ILDA - ILD-3900 | \$-3,591.00 |

Project Labor Schedule

| QTY | Description | Rate | Ext. Price |
|--------|---|----------|-------------|
| 228.00 | Region 3 WC -Offsite Integration and Maintenance Technician | \$150.00 | \$34,200.00 |
| 86.00 | Region 3 WC -Project Program Manager | \$155.00 | \$13,330.00 |
| 8.00 | Region 3 WC -Trainer | \$150.00 | \$1,200.00 |

Financial Summary

| | |
|--------------------------------|----------------------|
| Total Equipment: | \$175,662.30 |
| Total Labor: | \$48,730.00 |
| Total Additional Items: | (\$30,653.00) |
| Total Proposal Amount: | \$193,739.30 |

Note: The above price does not include tax.



Proposal Acceptance

By: Yonkers Public Schools

Authorized Signature

Date

ITG Larson, Inc.

Christopher Connors

Date