



TO: BOARD OF DIRECTORS

FROM: DAN JOHNSTON, DIRECTOR OF ASSESSMENT AND TECHNOLOGY

SUBJECT: School Security- Access Control for Elementary Schools

DATE: June 19, 2018

TYPE: ACTION REQUIRED

On November 5, 2013, voters approved the School Facilities and Technology levy. One of the technology projects funded by this special levy is improvements to school security.

In order to improve safety and security in our elementary schools, we would like to add electronic access control to doors that are routinely used during the school day. This involves the main entrance for our five comprehensive elementary schools along with doors that are commonly used for recess or by students and staffs coming and going from portables. The access control systems will allow us to keep all doors to the buildings locked during the school day and will allow access by key card or by a "buzz in" type system for the front door.

Attached to this memo is a copy of the quote. The total purchase is \$119,675. Our goal is to have the work completed this summer. The bid from Long Security is attached.

Recommendation:

We recommend the board move to approve the Long Security proposal for installing access control systems in our elementary schools.

Stanwood - Camano School District

26920 Pioneer Hwy
Stanwood, WA 98292

Attn: Dan Johnston

| | |
|-------------------------|-------------------------|
| Date: | June 12, 2018 |
| Proposal #: | 144,009 |
| Expiration: | 30 days from above date |
| Account Manager: | Jim Jamison |
| Contact Number: | (206) 300-1503 |

Project: Stanwood - Camano School District Security Installation - REVA

Thank you for the opportunity to submit a **PROPOSAL** for the installation of a new Access Control Security System at 5 Elementary Schools within Stanwood - Camano School District. LONG Building Technologies is committed to being the industry leader in providing a single resource for your security solutions.

Our security system design is based upon providing the right hardware and technology to accommodate based on our site survey and discussion with SCSD on May 31, 2018. Pricing will meet the requirements as listed on the **WSIPC Contract # 17-09**.

Scope of this Project is to a new S2 Access Control Security System and Front Door Entry Intercom at 5 Elementary Schools: Twin City, Cedarhome, Stanwood, Utsalady and Elger Bay. The base scope is the installation of new District Wide Access Control System, initially installed at 5 Elementary Schools. This includes all required cable, conduit, electronic door hardware, card readers, power supplies, S2 controllers, access cards, permits, labor and training. Site specific detailed scope and equipment list is attached at the end of this proposal.

The pricing of this project reflects the assumption that all 5 schools are under contract for install at the same time. Optional door at Stanwood ES is priced to be performed at the same time the base bid is being installed. The cost for the S2 Net Box Controller and Access Cards are included in the Cedarhome ES scope.

Access Control Overview

- Work to be performed during normal working hours
- LONG's tech's and Sub-contractors to have access to all locations required
- LONG will provide and install all required cable and conduit
- LONG will provide and install all required electronic locking hardware
- LONG will provide and install all required card readers, S2 controllers, front door entry intercom, intercom master station and power supplies
- LONG will provide training for district staff
- IP address to be provided by SCSD for each school for each S2 Node, Controller

We are pleased to offer this detailed Scope of Work for your project.

| | | | | |
|------|---|----------|------------------|----------|
| DOCS | <input type="checkbox"/> Spec Section: | Verbal | Dated: 4/24/2018 | Addenda: |
| | <input checked="" type="checkbox"/> Drawings: | Security | Dated: N/A | By: SCSD |

A. SCOPE OF WORK – SECURITY

1. All new conduit and cable to be labeled and pulled into final installation location: j-box, head-end panel.

2. Provide and install all Security Material listed in scope of work for each school (attached).
3. Provide all necessary miscellaneous materials, connectors and freight.
4. Provide all necessary commissioning.
5. Workstations provided by owner.
6. Provide end-user training at each school and District Coordinator for overall management (optional).
7. Our labor and all pricing for this project is based upon the installation occurring during normal working hours for Electrical Contractor work.
8. SCSD to provide LONG a secure location at each school for lay-down of materials to be installed.
9. Pricing does not include tax.
10. Each School will be awarded a separate contract.
11. Contract award by June 22, 2018.
12. Construction to begin on site by July 16, 2018 or sooner.
13. Installation completion target August 3, 2018.

B. PRICE OF WORK

| | |
|---------------------------------------|-------------|
| 1. Twin City ES..... | \$18,459.00 |
| 2. Cedarhome ES..... | \$27,884.00 |
| 3. Stanwood ES (Base Bid) | \$25,191.00 |
| 4. Stanwood ES (Optional) | \$4,174.00 |
| 5. Ustalady ES | \$20,662.00 |
| 6. Elger Bay ES..... | \$20,138.00 |
| 7. District Training (Optional) | \$3,167.00 |

C. INCLUSIONS:

1. LONG will provide most of our labor for this project during normal business hours. If overtime work is required, there will be no additional cost to complete the scope of this project.
2. LONG's sub-contractors will perform their work during normal business hours.
3. LONG will provide and install all necessary components listed in Inclusions for a complete and operable system.
4. Should deficient components be identified during the course of this scope of work, those items will be reported to Customer and a separate proposal for their repair/replacement will be provided upon request.
5. Engineered drawings for Security System and as-builts.
6. End-user training.
7. One-year warranty, after beneficial use.

D. EXCLUSIONS:

1. Electrified door hardware, except where noted on the scope of work.
2. LONG does not include any workstations or PC's.
3. All warranty for owner supplied or existing materials and workmanship.
4. All costs of bonds
5. Code Upgrades
6. Power wiring or electrical panel modifications beyond what is included in this scope of work.
7. Hazardous material identification, abatement or removal.
8. Any/all general contractor related work, such as framing, painting, patching, man bars, roofing, architectural sheet metal, etc.
9. All taxes and assessments related to this project.
10. Builders Risk Insurance.

- Cutting, patching, painting of finishes
 Core drilling, saw cutting
 Trenching, tunneling
 Hazardous materials handling
 Provision of access doors
 Demolition
 Bid bond
 Payment bond
 Performance bond
 Work outside normal business hours

E. PAYMENT OPTIONS:

1. Upon receipt of a signed Contract, a fifty percent (50%) down payment of the Contract amount is due and the final payment is due upon completion.
2. Upon receipt of a signed Contract and a signed Credit Application, LONG may choose to extend credit and send monthly progress billings – net 30, with a 1.5% per month service charge on past due invoices.
3. Cash or Check on Delivery (C.O.D.).

| RESPONSIBILITY MATRIX | LONG | | Owner | | Electrical | | LONG Subcontractor | | Other | |
|-----------------------|---------|---------|---------|---------|------------|---------|--------------------|---------|---------|---------|
| | Furnish | Install | Furnish | Install | Furnish | Install | Furnish | Install | Furnish | Install |
| Security Equipment | x | x | | | | | | x | | |
| Workstations | | | x | x | | | | | | |
| Training | x | | | | | | | | | |
| IP Addresses | | | x | | | | | | | |
| Commissioning | x | | | | | | | | | |
| 120VAC power | | | x | | | | x | x | | |
| Host PC | | | x | | | | | | | |

| | | | | |
|------------------|----------------------|--|----------------------|-----------------------------------|
| AUTHORIZE | Accepted for: | | Submitted by: | LONG Building Technologies |
| | Accepted by: | | Submitted by: | Jim Jamison |
| | Title: | | Title: | Senior Account Executive |
| | Signature: | | Signature: | |
| | Date: | | Date: | June 12, 2018 |

Notwithstanding, any inconsistent or additional terms that may be embodied in your purchase order/contract, LONG will accept your order subject only to the terms of the written contract between us under which your order is placed. If no such contract exists, LONG will accept your order only on the express written condition that you assent to the terms and conditions contained above and on the pages attached hereto; and acceptance and receipt of the goods shipped hereunder shall constitute assent to such terms and conditions.

Terms and Conditions:

By accepting this proposal, Purchaser agrees to be bound by the following Terms and Conditions:

- 1. Scope of Work.** Unless otherwise noted, this proposal is based upon the use of straight time labor only. Plastering, patching and painting are excluded. Purchaser agrees to provide LONG Building Technologies, Inc. ("LONG") with required field utilities (electricity, toilets, drinking water, project hoist, elevator service, etc.) without charge. LONG agrees to keep the job site clean of debris arising out of its own operations. Purchaser shall not back charge LONG for any costs or expenses without LONG's written consent.
- 2. Invoicing & Payments.** LONG may invoice Purchaser monthly for all materials delivered to the job site or to an off-site storage facility and for all work performed on-site and off-site. Purchaser shall pay LONG in United States currency (USD) amounts invoiced within thirty (30) days of the invoice date. Waivers of lien will be furnished upon request, as the work progresses, and to the extent payments are received. Invoices more than 30 days from the invoice date shall be subject to finance charges at 1.5% per month or the maximum rate applicable for the State in which the work was performed.
- 3. Material Shortages.** If the materials or equipment included in this proposal become temporarily unavailable, the deadline for the performance of the work shall be extended by the length of the temporary unavailability. If the materials or equipment become permanently unavailable, LONG shall (a) be excused from furnishing the unavailable materials or equipment, and (b) be reimbursed for the price difference between the unavailable materials or equipment and a reasonably available substitute.
- 4. Taxes.** The price of this proposal does not include duties, sales, use, excise, or other taxes, unless required by federal, state or local law. Purchaser shall pay, in addition to the proposed price, all taxes not legally required to be paid by LONG or, alternatively, shall provide LONG with acceptable tax exemption certificates. LONG shall provide Purchaser with tax payment certificates upon request and after completion and acceptance of work.
- 5. Delays.** LONG shall not be liable for any delay in the performance of the work resulting from or attributed to acts or circumstances beyond LONG's control, including, but not limited to, acts of God, fire, riots, labor disputes, condition of the premises, acts or omissions of the Purchaser, Owner, or other Contractors or delays caused by suppliers or subcontractors of LONG.
- 6. Compliance with Laws.** LONG shall comply with all applicable federal, state and local laws and regulations and shall obtain all temporary licenses and permits required for the execution of the work. Licenses and permits of a permanent nature shall be procured and paid for by the Purchaser.
- 7. Disputes.** All disputes involving more than \$15,000 shall be resolved by arbitration in accordance with the rules of the American Arbitration Association. The prevailing party shall recover all reasonable legal costs and attorney's fees incurred as a result. Nothing here shall limit any rights under construction lien laws.
- 8. Insurance.** Insurance coverage in excess of LONG's standard limits may be furnished if required; however, Purchaser will be billed for any additional premium charged to LONG. LONG will neither give Purchaser credit for insurance afforded to it by others, nor pay other insurance premiums.
- 9. Indemnity.** The Parties hereto agree to indemnify each other from any and all liabilities, claims, expenses, losses or damages, including attorneys' fees, which may arise in connection with the execution of the work herein specified and which are caused, in whole or in part, by the negligent act or omission of the Indemnifying Party.
- 10. Occupational Safety and Health.** The Parties hereto agree to notify each other in writing immediately upon becoming aware of an inspection under, or any alleged violation of, the Occupational Safety and Health Act relating in any way to the project site.
- 11. Entire Agreement.** This proposal, upon acceptance, shall constitute the entire agreement between the parties and supersedes any prior representations or understandings, written or oral.
- 12. Changes.** No change or modification of any of the terms and conditions stated herein shall be binding upon LONG unless accepted by LONG in writing.

13. **Limitations of Liability.** Neither party's (including additional insured's) total cumulative liability hereunder for any claim or cause of action of any kind, regardless of whether such claim may be based on contract, warranty, tort (including negligence), strict liability, or any other legal or equitable principle, shall exceed the amount of the party's primary general liability policy limits. Notwithstanding any provision of any contract document to the contrary, neither party shall waive subrogation, or be liable to the other party or any of its affiliates, employees or subcontractors for punitive, special, exemplary, incidental or consequential damages, damages for loss of profits, loss of use or loss of revenue, or losses associated with cost of capital in connection with or arising out of this agreement, regardless of whether such claim may be based on contract, warranty, tort (including negligence), strict liability, or any other legal or equitable principle, or for any condition that is beyond the reasonable control, and without the intentional misconduct or negligence, of that party. Such conditions include, but are not limited to: acts of God; acts of government entities; strikes; labor disputes; fire; explosions or other casualties; thefts; vandalism; riots or war; acts of terrorism; or unavailability of labor, parts, materials or supplies.
14. **Warranty.** LONG warrants that the materials and equipment furnished by LONG will be of good quality and new; that the work will be free from defects not inherent in the quality required or permitted; and that the work will conform to the requirements of this agreement. LONG warrants that the work shall be free from defects in material and workmanship arising from normal usage for a period of one (1) year from the final invoice date and that its services will be free from defects in workmanship, design and material for one (1) year from the final invoice date. Upon written notice from the Purchaser, LONG shall, at its option, repair or replace the defective work or re-perform defective services. These warranties shall not extend to any work or services that have been abused, altered, misused or repaired by the Purchaser or third parties without the supervision of and prior written approval of LONG, or if LONG's serial numbers or warranty date decals have been removed or altered. The Purchaser must promptly report any failure of the equipment to LONG in writing. All replaced equipment becomes LONG's property.
15. **Asbestos-Containing Materials.** LONG is not licensed, nor will it undertake direct obligations relating to the identification, abatement, cleanup, control, removal, and/or disposal of asbestos-containing materials ("ACM"). Consistent with applicable laws, Purchaser shall supply LONG with any information in its possession relating to the presence of ACM at any of its facilities where LONG may perform work or provide services that may result in the disturbance of ACM. Often, LONG asks for certification that no ACM is present in facilities constructed prior to 1982. Purchaser shall provide such certification for buildings it owns, or aid LONG in obtaining such certification from facility owners for buildings it does not own. If either Purchaser or LONG becomes aware of or suspects the presence of ACM that may be disturbed by LONG performing work or providing services, it shall immediately stop the work or services in the identified area(s) and immediately notify the other party in writing. The Purchaser shall be responsible at its sole expense for addressing the potential for or the presence of ACM in conformance with all applicable laws, and prior to LONG resuming work or providing services in the identified area(s), will provide a written certification to LONG that the identified area(s) are free from ACM.
16. **Other Hazards.** Purchaser shall supply LONG with any information in its possession relating to the presence of Other Hazards, including but not limited to Structural Hazards, Hazardous Materials, Environmental Hazards, and Dangerous Substances in or near areas where LONG will be required to perform work or provide services. If either Purchaser or LONG becomes aware of or suspects the presence of Other Hazards that may interfere with LONG performing work or providing services, it shall immediately stop the work or services in the identified area(s) and immediately notify the other party in writing. Purchaser shall be responsible at its sole expense for the identification, abatement, cleanup, control, removal, and/or disposal of Other Hazards from areas LONG is required to perform work or provide services, and prior to LONG resuming work or providing services in the identified area(s), will provide a written certification to LONG that the identified area(s) are free from Other Hazards. LONG's obligations under this agreement expressly exclude any work or service of any nature associated or connected with the identification, abatement, clean up, control, removal, or disposal of Other Hazards including but not limited to asbestos, toxic waste, molds, lead, heavy metals, pesticides, pathogens, radon, x-rays or polychlorinated biphenyls ("PCBs"), discovered in or near areas where LONG will be required to perform work or provide services. Any language or provision of the agreement contained elsewhere that may authorize or empower the Purchaser to change, modify, or alter the Scope of Work to be performed by LONG shall not operate to compel LONG to perform any work relating to Asbestos-Containing Materials or Other Hazards.

Stanwood School District – Security Upgrades

Twin City ES, Cedarhome ES, Stanwood ES, Ustalady ES and Elger Bay ES

From Site Survey 5/31/18

Overview

Each of the schools surveyed to have a new S2 Access Control System installed the doors identified during the survey (and described in the scope), including Card Reader and Electric Strike. Install new Altronix Power Supply and S2 Network Node in each school’s MDF room, with hardwired power on a fire-rated backboard. All conduit to be provided and installed by the installing EC. All field devices and head equipment to be installed and trimmed by the installing EC. Cat6 cable to be provided and installed from S2 Network Node to the IT switch in the MDF room.

Specific Locations Work Detail

Twin City Elementary School – Install new Card Reader and Electric Strike (Qty 2) at Main Entry #1 near Main Office (right hand door) and Hallway behind Gym #2, near Room #13 (right hand door). Install new Altronix Power Supplies (hard-wired) and wall mounted S2 Network Nodes (hard-wired) in the following MDF/IDF rooms: behind kitchen next to room #62. Run CAT6 cable from S2 Panel to IT Switch. Assist LONG on testing devices after conversion is fired up.

If cable pathway is not available from main entry to MDF, surface mounted conduit is acceptable to be installed just below the railing on the wall in the gym.

| Twin City ES / System | | |
|------------------------------|----------------|---|
| Part Number | Qty Ext | Description |
| 12V-BATT | 3 | 12 Volt 7 Amp Hour Battery |
| 9600-12/24-630 | 2 | Electric Strike |
| AL600ULACMCB | 1 | Power Supply-Charger |
| S2-920PTNNEK00460-S2SEC | 2 | RP40 CONTACTLESS READER With Prox, Wall Switch, Wiegand, Pigtail, Black, LED Blue - Flash |
| S2-INP | 1 | Supervised input |
| S2-NN-E2R-WM | 1 | S2 Network Node with 2 readers |
| S2-OUTP | 1 | Output Blade |
| 9137902 | 1 | 2N Telecom Intercom License |
| 9151001 | 1 | 2N Telecom Flush Mt Brick |
| 9151101CHW | 1 | 2N Telecom Door Station |
| GVX3275 | 1 | Desk Mount Master Station |

Cedarhome Elementary School – Install new Card Reader and Electric Strike (Qty 2) at Main Entry #1 near Main Office (right hand door) and entry next to the Gym #2, (left hand door). Install new Altronix Power Supplies (hard-wired) and wall mounted S2 Network Nodes (hard-wired) in the following MDF/IDF rooms: communication room across from the Library. Run CAT6 cable from S2 Panel to IT Switch. Assist LONG on testing devices after conversion is fired up.

| Cedarhome ES / System | | |
|------------------------------|----------------|---|
| Part Number | Qty Ext | Description |
| 12V-BATT | 3 | 12 Volt 7 Amp Hour Battery |
| 9600-12/24-630 | 2 | Electric Strike |
| AL600ULACMCB | 1 | Power Supply-Charger |
| S2-920PTNNEK00460-S2SEC | 2 | RP40 CONTACTLESS READER With Prox, Wall Switch, Wiegand, Pigtail, Black, LED Blue - Flash |
| S2-INP | 1 | Supervised input |
| S2-OUTP | 1 | Output Blade |
| S2-2000HPGGMN-S996045E | 1000 | Corporate 1000 Cards |
| S2-NB16-E2R-WM | 1 | S2 NetBox System Controller |
| 9137902 | 1 | 2N Telecom Intercom License |
| 9151001 | 1 | 2N Telecom Flush Mt Brick |
| 9151101CHW | 1 | 2N Telecom Door Station |
| GVX3275 | 1 | Desk Mount Master Station |

Stanwood Elementary School –

BASE BID - Install new Card Reader and Electric Strike (Qty 3) at Main Entry #1 near Main Office (right hand door) and entry on other side of main entry #2, (right hand door) and back hallway entry #3 near room #23 (right hand door). Install new Altronix Power Supplies (hard-wired) and wall mounted S2 Network Nodes (hard-wired) in the following MDF/IDF rooms: room between rooms #28 & #30. Run CAT6 cable from S2 Panel to IT Switch. Assist LONG on testing devices after conversion is fired up.

| Stanwood ES / System | | |
|-----------------------------|----------------|---|
| Part Number | Qty Ext | Description |
| 12V-BATT | 3 | 12 Volt 7 Amp Hour Battery |
| 9600-12/24-630 | 3 | Electric Strike |
| AL600ULACMCB | 1 | Power Supply-Charger |
| S2-920PTNNEK00460-S2SEC | 3 | RP40 CONTACTLESS READER With Prox, Wall Switch, Wiegand, Pigtail, Black, LED Blue - Flash |
| S2-ACM | 1 | Access control application extension blade |
| S2-INP | 1 | Supervised input |
| S2-NN-E2R-WM | 1 | S2 Network Node with 2 readers |
| S2-OUTP | 1 | Output Blade |
| 9137902 | 1 | 2N Telecom Intercom License |
| 9151001 | 1 | 2N Telecom Flush Mt Brick |
| 9151101CHW | 1 | 2N Telecom Door Station |
| GVX3275 | 1 | Desk Mount Master Station |

OPTIONAL BID – Install new Card Reader and Electric Strike (Qty 1) on back hallway entry #4 near rooms #34 & #35.

| Stanwood ES OPTIONAL / System | | |
|--|--------------------|---|
| Part Number | Qty Ext | Description |
| 9600-12/24-630 | 3 | Electric Strike |
| S2-920PTNNEK00460-S2SEC | 3 | RP40 CONTACTLESS READER With Prox, Wall Switch, Wiegand, Pigtail, Black, LED Blue - Flash |

Ustalady Elementary School – Install new Card Reader and Electric Strike (Qty 2) at Main Entry #1 near Main Office (right hand door) and entry next to the Gym #2, (left hand door). Install new Altronix Power Supplies (hard-wired) and wall mounted S2 Network Nodes (hard-wired) in the following MDF/IDF rooms: communication room across from the Library. Run CAT6 cable from S2 Panel to IT Switch. Assist LONG on testing devices after conversion is fired up.

| Utsalady ES / System | | |
|-----------------------------|--------------------|---|
| Part Number | Qty Ext | Description |
| 12V-BATT | 3 | 12 Volt 7 Amp Hour Battery |
| 9600-12/24-630 | 2 | Electric Strike |
| AL600ULACMCB | 1 | Power Supply-Charger |
| S2-920PTNNEK00460-S2SEC | 2 | RP40 CONTACTLESS READER With Prox, Wall Switch, Wiegand, Pigtail, Black, LED Blue - Flash |
| S2-INP | 1 | Supervised input |
| S2-NN-E2R-WM | 1 | S2 Network Node with 2 readers |
| S2-OUTP | 1 | Output Blade |
| 9137902 | 1 | 2N Telecom Intercom License |
| 9151001 | 1 | 2N Telecom Flush Mt Brick |
| 9151101CHW | 1 | 2N Telecom Door Station |
| GVX3275 | 1 | Desk Mount Master Station |

Elger Bay Elementary School – Install new Card Reader and Electric Strike (Qty 2) at Main Entry #1 near Main Office (right hand door) and entry next to the Gym #2, (left hand door). Install new Altronix Power Supplies (hard-wired) and wall mounted S2 Network Nodes (hard-wired) in the following MDF/IDF rooms: communication room across from the Library. Run CAT6 cable from S2 Panel to IT Switch. Assist LONG on testing devices after conversion is fired up.

| Elger Bay ES / System | | |
|------------------------------|--------------------|---|
| Part Number | Qty Ext | Description |
| 12V-BATT | 3 | 12 Volt 7 Amp Hour Battery |
| 9600-12/24-630 | 2 | Electric Strike |
| AL600ULACMCB | 1 | Power Supply-Charger |
| S2-920PTNNEK00460-S2SEC | 2 | RP40 CONTACTLESS READER With Prox, Wall Switch, Wiegand, Pigtail, Black, LED Blue - Flash |
| S2-INP | 1 | Supervised input |
| S2-NN-E2R-WM | 1 | S2 Network Node with 2 readers |
| S2-OUTP | 1 | Output Blade |
| 9137902 | 1 | 2N Telecom Intercom License |
| 9151001 | 1 | 2N Telecom Flush Mt Brick |
| 9151101CHW | 1 | 2N Telecom Door Station |
| GVX3275 | 1 | Desk Mount Master Station |

General Working Requirements

Contractors shall leave work site completely cleaned and void of any work materials on the ground or in any areas work was performed or transited to and from at the end of every work shift.

This is a prevailing wage project; all labor costs must be in adherence with prevailing wage requirements.

All work and parts used are to be in compliance with WA state electrical code, authority having jurisdiction, ADA dimensional requirements and the NEC.

All ceiling tiles having prior damage shall be noted prior to commencing work. All ceiling tiles damaged or marred in any way during the execution of work shall be annotated.

No modifications or deviations from the above planned work shall be executed without prior authorization from LONG Building Technologies.

Any painting, drywall work or patching after our installation shall be the responsibility of the Stanwood SD.

All work to be done during normal business hours.

Electrical contractor shall check in and sign in directly with the main office first after arriving every day prior to performing work.

Daily reports shall be submitted in email form to LONG Building Technologies after each shift. Reports shall include a tally of work completed that day, work completed in total, and work remaining along with an estimate on when all work will be completed and ready for inspection.

Work shall not be considered complete until acceptance from LONG Building Technologies.

All keys lost or not returned will be the responsibility of the electrical contractor. Electrical contractor will be bound financially to replace and/or all rekeying costs as a result of lost or unreturned keys.

Any equipment, infrastructure or other items damaged by electrical contractor shall be the responsibility of the contractor. Examples would include but not be limited to a contractor breaking a window with a ladder, dropping a motion detector and breaking it, damage due to wiring equipment improperly, etc.

Electrical Contractor shall clearly and legibly label all cables located in the MDF room.

Electrical Contractor will provide LONG Building Technologies a complete marked up set of drawings (as-builts) showing wire/conduit pathways and the conclusion of the installation.