

Statement of Work  
Flandreau Indian School  
HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors  
Flandreau, SD 57028

This contract will involve the installation of (265) HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors for buildings 83 (3 levels), 84 (3 levels), 85 (2 levels), 86 (2 levels), 111 (1 level), 121 (2 Levels), and 124 (1 level) on the Flandreau Indian School campus. Along with the sensors, contractor will provide up to 65,000 feet of cat5 wire to bring the sensor information back to the network. Provided POE switches, 265 Avigilon POS licenses. This contract requires awardee to ensure sensors are connected to the Avigilon security surveillance system to work together as one system. Awardee is to furnish all materials and hardware to complete the project. The buildings are located at the Flandreau Indian School approximately forty-two (42) miles North of Sioux Falls SD. (I-29 N to SD-34 E to SD 13 N)

**General:**

The Contractor agrees to complete all the work in accordance with the Environmental Protection Agency and National Electrical

**General Site Maintenance:**

- a. The Contractor Awardee shall clean up, remove, and dispose of all debris associated with this work. Maintaining cleanliness of the work site property during the entirety of this contract.
- b. All work, including startup of equipment, is to be performed during regular summer working hours ( June through August) (7a -4p) (M-F) or school hours 830a-3:30p (September through May). All work cannot begin without the consent of the Point of Contact \_\_\_\_\_ Facility Manager/Flandreau Indian School. Phone: \_\_\_\_\_.
- c. It is the intent of this contract that all work performed by the contractor awardee is to be completed and functional and meeting all applicable codes and requirements.
- d. The Contractor is responsible for protecting the work of other trades from any damage caused by his/her own work forces.
- e.

**General Responsibilities:**

- A. The contractor is responsible to familiarize himself/herself with the work site and point out any potential problems with the Point of Contact before starting any work.
- B. The Contractor shall cooperate with others to ensure a smooth and safe flow of work. Provide a plan detailing/sequencing of work that is needs completion to the Point of Contact.
- C. The Contractor shall comply with all requirements for safety procedures, reports, and meetings in accordance with applicable regulations.
- D. The Contractor agrees that the Flandreau Indian School is not responsible for fire, theft, loss and or vandalism of any of the Contractor tools, equipment, materials, supplies and/or work in progress.

**Supply and Install: see maps for locations:**

1. Girls Dorm 83 (3 Floors)

Install 115 HALO-V2.00 HALO SENSOR / AVIGILON environmental sensors

1<sup>st</sup> floor:

- Install 61 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors
- Install two (2) 48 port PoE Cisco switches

- Install one (1) 24 port PoE Cisco switch
- Install cat5 cable for 61 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors and connect with switches on 1<sup>st</sup> floor
- Connect switches and sensors to the security network
- Install racks for switches

2<sup>nd</sup> floor:

- Install 45 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors
- Install cat5 cable for 45 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors and connect with switches on 1<sup>st</sup> floor
- Connect switches and sensors to the security network
- Install racks for switches

Basement:

- Install 9 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors
- Install cat5 cable for 9 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors and connect with switches on 1<sup>st</sup> floor
- Connect switches and sensors to the security network
- Install racks for switches

## 2. Boys dorm 84 (3 Floors)

Install 115 HALO-V2.00 HALO SENSOR / AVIGILON environmental sensors

1<sup>st</sup> floor:

- Install 61 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors
- Install two (2) 48 port PoE Cisco switches
- Install one (1) 24 port PoE Cisco switch
- Install cat5 cable for 61 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors and connect with switches on 1<sup>st</sup> floor
- Connect switches and sensors to the security network
- Install racks for switches

2<sup>nd</sup> floor:

- Install 45 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors
- Install cat5 cable for 45 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors and connect with switches on 1<sup>st</sup> floor
- Connect switches and sensors to the security network
- Install racks for switches

Basement:

- Install 9 \*HALO-V2.00 HALO SENSOR / AVIGILON
- Install cat5 cable for 9 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors and connect with switches on 1<sup>st</sup> floor
- Connect switches and sensors to the security network

Avigilon environmental sensors

- 1<sup>st</sup> floor: Install racks for switches

## 3. Gymnasium 85

Install 9 HALO-V2.00 HALO SENSOR /

- Install 3 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors

- Install one (1) 10 port PoE Cisco Switches
- Install cat5 cable for 1 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors and connect with switches on 1<sup>st</sup> floor
- Connect switches and sensors to the security network
- Install racks for switches

2<sup>nd</sup> floor:

- Install 6 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors
- Install cat5 cable for 6 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors and connect with switches on 1<sup>st</sup> floor
- Connect switches and sensors to the security network

#### 4. School Building 86

Install 11 HALO-V2.00 HALO SENSOR / Avigilon environmental sensors

1<sup>st</sup> floor:

- Install 9 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors
- Install one (1) 10 port PoE Cisco Switches
- Install cat5 cable for 9 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors and connect with switches on 1<sup>st</sup> floor
- Connect switches and sensors to the security network
- Install racks for switches

2<sup>nd</sup> floor:

- Install 2 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors
- Install cat5 cable for 2 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors and connect with switches on 1<sup>st</sup> floor
- Connect switches and sensors to the security network

#### 5. Kitchen/Cafeteria 111 (1 Floor)

Install 4 HALO-V2.00 HALO SENSOR / Avigilon environmental sensors

1<sup>st</sup> floor:

- Install 4 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors
- Install one (1) 10 port PoE Cisco Switches
- Install cat5 cable for 4 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors and connect with switches
- Connect switches and sensors to the security network
- Install racks for switches

#### 6. Home Living/Canteen 121

Install 9 HALO-V2.00 HALO SENSOR / Avigilon environmental sensors

Lower Level:

- Install 4 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors
- Install one (1) 10 port PoE Cisco Switches
- Install cat5 cable for 4 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors and connect with switches on lower level
- Connect switches and sensors to the security network
- Install racks for switches

2<sup>nd</sup> Level:

- Install 5 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors
- Install one (1) 10 port PoE Cisco Switches
- Install cat5 cable for 5 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors and connect with switches on lower level
- Connect switches and sensors to the security network
- Install racks for switches

7. Shop/Special Education 124 (1 Floor)

Install 2 HALO-V2.00 HALO SENSOR / Avigilon environmental sensors

1<sup>st</sup> floor:

- Install 2 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors
- Install one (1) 10 port Cisco Switches
- Install cat5 cable for 2 \*HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors and connect with switches
- Connect switches and sensors to the security network
- Install racks for switches

**\*Note: All HALO-V2.00 HALO SENSOR / AVIGILON Environmental Sensors must connect to the security network to work in unison with the Avigilon surveillance system. Training for the system will be provided by awardee.**

- All new or replaced energy consuming equipment or products shall be Energy Star and Federal Energy Management Program (FEMP) designated Energy Efficient Products, where applicable. Equipment and products specified and installed shall be in the top 25% of all energy consuming equipment or products.
- Contractor shall trouble shoot connections, re-wire as necessary, and/or replace any equipment failing to startup and/or operate per factory specifications. Contractor shall ensure all electrical load requirements are met as related to the manufacturer's specifications. All electrical connections: fuses, wiring and circuit breaker must be correct for the digital sign being installed.
- Contractor shall train designated facility personnel in adjustment, operation, including seasonal and emergency operations, if applicable; maintenance; and safety requirements of equipment and systems. Instructors shall be thoroughly trained in operating theory as well as practical operation and maintenance work for each type of equipment or system.
- The Contractor shall inform the COR of any interruption, a minimum of 48 hours in advance, for gas, water, electrical or any other utilities. The notification shall include the following information: area effected, time duration, and systems affected.
- Personnel Safety - All work throughout the duration of this project shall comply with the Federal, and State Occupational Safety Health Act (OSHA) regulations. The contractor shall perform all work according to accepted construction Industry Standards, Safety Procedures and regulations. The contractor is responsible for inspecting the work area prior to beginning work and maintaining a safe workspace while executing this contract.

**CODES AND STANDARDS:**

- Where applicable, Contractor shall adhere to all Federal and State statutes pertaining to archaeological, historical, and environmental clearances which may affect this project.
- All work performed must be in compliance with EPA regulations and OFMC Design Handbook.

- OSHA 29 CFR 1926, Subpart C, General Safety and Health Provisions
- ASTM – American Standard for Testing and Materials
- NFPA – National Fire Protection Association
- NEC - National Electrical Code
- UMC – Uniform Mechanical Code
- UPC - Uniform Plumbing Code
- UL - Underwriter’s Laboratories
- NSPC – National Standard Plumbing Code
- Uniform Plumbing and Mechanical Codes
- OSHA - Federal Regulations - Safety

**Security Clearance:**

All Contractors to the Bureau of Indian Education are subject to review of completed investigative forms, a subsequent background investigation and final adjudication of that background investigation to determine your suitability to provide Contractor service to the Bureau of Indian Education. Contractor employees must obtain and maintain a favorably adjudication background investigation at a level equal to that which would be required for a federal employee and are subject to the same standards, requirements, and provisions as federal employees.

Performance of this contract may require Contractor personnel to have a Federal Government issued person identification card before being allowed unsupervised access to a facility. The Flandreau Indian School business Technician/Human Resources will be the sponsoring official and will make the arrangement with the Bureau of Indian Education Personnel Security for personnel identity verification and card issue.

The Contractor employees to whom these provisions are applicable may begin work before the background investigation is complete; however, if the employees do not meet the clearance e-requirement, the contractor will identify replacement staff to meet the work requirement.