

# **Amendment 7**

**SIEMENS**

**Snohomish County  
Denney Juvenile Justice  
Center (DJJC)  
Electronic Security System**

- System Type(s):**
- Access Control**
  - IP Surveillance**
  - IP Intercom**

**Siemens Industry, Inc.  
Smart Infrastructure - Security Division  
15900 SE Eastgate Way, Ste.200  
Bellevue, WA 98008**

**Confidential**

# **Siemens Industry, Inc.**

Date: 01 JUN 2020

To: Lolly Huggins – Snohomish County

RE: Snohomish County - DJJC Pod 1C Expansion

Siemens Industry, Inc. (SII) is pleased to provide the following quote for the above referenced project. This quote is based on site survey dated April 1, 2019 completed by Lolly Huggins and Paul Pritchard (Siemens). All Snohomish County standards are reflected and no addenda(s) have been acknowledged.

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## **FINANCIAL SUMMARY**

**TOTAL INVESTMENT- POD 1C EXPANSION:     **\$107,405.00****

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## **SOLUTION OVERVIEW**

Snohomish County has requested Siemens to assist with the expansion of the IP Surveillance, Access Control and Intercom system for the addition of Pod 1C at the Denney Juvenile Justice Center.

Siemens has planned to provide, deliver and install all the necessary security components required for a full functioning system. If applicable, Siemens will comply with construction project schedule and milestone timelines set forth by project General Contractor.

## **SCOPE OF WORK**

### **SiPass Access Control System (ACS):**

Siemens shall furnish a 'Turnkey' installation for an expansion of the SiPass Access Control System. SiPass matches the Snohomish County DJJC standard and will communicate with the existing DJJC Security Control room.

- Provide labor and materials for expansion of the SiPass card access system during the remodel and expansion of Pods 1C & 2C.
- Provide and configure one (1) new client workstation with dual monitors, mouse, keyboard
- Provide new cabling to the workstation
- Re-use existing security enclosure located in Electrical Room.
- Install four (4) control relays per jail cell to provide visual and audio annunciation
- Install power supplies
- Integration and programming to control room Mapping software
- System commissioning and burn-in confidence testing

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**Denney Juvenile Justice Center**

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## **SiPASS Access Control System – Bill of Materials**

### **POD 1C - Bill of Materials**

- (1) Client Workstations with Dual 24" monitors keyboard & mouse (desktop style)
- (1) SiPass Client Licenses
- (1) SiPass Advanced Central Controller
- (2) SiPass 16 output / 16 isolated input modules
- (1) LifeSafety 12V/20A or 24V/10A, 16 fused output Power Supply
- (2) 12V Backup Batteries
- (44) IDEC Relay Cube DPDT
- (44) IDEC Relay Bases
- (Misc) IDEC Terminal Blocks with labels
- (30) IDEC Fuse Blocks
- (Misc) Fiber Duct for cabinet cable management

#### ➤ **SiPass Client Workstations**

- One (1) client workstations with dual monitors for 1C Detention Pod. The workstation will match the display of existing detention pod workstations. Desktop style workstations.

#### ➤ **SiPass Client Workstation Licensing**

- Provide one (1) client workstation license expansion (*totaling 6*)

#### ➤ **Conduit/Cabling**

- All security cabling to be concealed within existing low voltage conduits. New cabling will be installed to the client workstation.

## **IP Video Management System (VMS):**

Siemens shall furnish a 'turnkey' installation for the expansion of the IP Surveillance system. The VMS software is VICON, matching the existing DJJC standard. New cameras will comprise of VICON high resolution IP cameras. Siemens will re-use existing POE network switches and onsite video storage server.

All new camera locations are currently identified in detention Pod, via past camera installation. Siemens intends to install new cameras at those locations and reuse existing conduit for modernization of the existing cabling. The detention pod will receive two (2) cameras. One camera is a fixed dome camera and the second camera will provide a 360-degree view to cover remaining detention pod common areas.

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VICON matches the Snohomish County DJJC standard. A total of four (4) new cameras will be installed and viewed at the DJJC Security Control Room.

## **IP Surveillance System – Bill of Materials**

### **POD 1C**

- (2) VICON Professional IP Camera Licenses
- (1) VICON 6MP 360 Degree IP Cameras with ceiling mount accessory (Dome style)
- (1) VICON 2mp Fixed Dome Camera with ceiling mount accessory
- (Misc) CAT5e / CAT6 cable

## **Intercom System:**

Siemens shall furnish a ‘turnkey’ installation for the expansion of the Intercom System. The intercom system is HARDING, matching the existing DJJC standard.

One (1) new telephone master stations will be installed at the officer desk located in each detention pod. New cabling will be installed to accommodate each new master station. All existing cell room intercoms and associated indicator lights will be reused and integrated to display on current mapping software.

## **Harding Intercom System – Bill of Materials**

### **POD 1C**

- (1) HARDING Telephone Master Stations (VoIP)
- (1) HARDING Digital Communicator Controller (16 inputs)
- (1) HARDING Quick connect Board (16 station inputs)
- (1) HARDING Quick connect Board (16 switch inputs)
- (1) HARDING Quick connect Terminal Board – station
- (1) HARDING 10’ Station interface cable with two 45-degree entry connectors
- (1) HARDING Quick connect Terminal Board – Single Switch
- (2) HARDING 10’ Switch interface cable with two 45-degree entry connectors
- (1) COMNET Ethernet Extender POE
- (Misc) IDEC Terminal Block
- (Misc) CAT5e / CAT6 cable

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## **Assumptions/Clarifications**

1. ACAD drawings: Siemens will match existing drawing labeling with new pages reflecting the necessary changes. In addition, point to point wiring of all new panel locations will be included. Per the requests of Snohomish County, the existing drawing set will remain included in the drawing set. A new index will be created to reflect accordingly. It is assumed all drawings will be reviewed, redlined and approved prior to start of field installation.
2. Confidence testing: One (1) SiPass certified specialist will remain onsite throughout the 1-week system burn-in (7am-4pm / M-F). Hours can be manipulated to fit requirement of Snohomish County. *Not to exceed 40hrs.*
3. After hours support: Snohomish County will contact the 24hr support line (800)952-6348 and the necessary service will be provided by the assigned Siemens on-call technician.
4. System functionality will match existing access system functionality:
  - SiPass will run all door control
  - Standalone data base (not connected to county system)
  - VICON Video integration
  - HARDING Intercom integration
5. All Siemens proposed SiPass panels will be pre-wired specifically to Snohomish County standards. Including individual cable labeling and specific wire termination connectors. All PLC related relay boards will be included within Siemens provided access control enclosures.
6. Siemens assumes all reused cable, conduit, pathway and doors are fully functioning. If discrepancies are found during installation, Siemens will contact Snohomish County personnel for approval to resolve this issue. Additional fees will apply.
7. Siemens has included weekly progress updates to DJJC project appointed personnel.
8. Siemens will furnish material cut sheets for submittal, for Siemens provided materials.
9. Pricing includes project management for the duration of the tentative project schedule.
10. Pricing includes one (1) year warranty
11. Siemens has planned to reuse existing 120VAC UPS circuits located in electrical room. If UPS circuit is not available Siemens will work with Snohomish County to resolve. Additional cost may apply.
12. Security panel network connectivity provided by Snohomish County. Siemens assumes to re-use existing switches and fiber as applicable. Snohomish County is expected to identify and provide all required network infrastructure being utilized for this expansion. If network cabling is required, Siemens will contact Snohomish County personnel for approval to resolve this issue. Additional fees will apply.
13. Work is assumed to be completed during normal business hours Monday – Friday (7am-5pm). After hours labor will be additional cost to Snohomish County.
14. Siemens will comply with badging and background check as required by Snohomish County. Includes daily inventory inspections performed by Jail staff for Siemens technicians and subcontractors.
15. Siemens to provide electrical permit and coordinate inspection with AHJ.

## **Exclusions**

1. Cutting, painting and patching.
2. Asbestos abatement or containment
3. Fire Alarm system interface, if required.
4. All lock hardware, to be provided by others
5. Conduit and pathway
6. 120VAC by others
7. Network connectivity, Fiber Optic Cable.
8. Performance or Payment bonds.
9. Costs associated with schedule acceleration, project meetings, multiple trips onsite due to incompleteness of others, or multiple unplanned phases.
10. Washington State Sales Tax.

# Siemens Industry, Inc.

*This proposal is based on the Siemens Industry, Inc. Standard Terms and Conditions and the "Scope of work" and is to be considered part of this proposal. Proposal is valid for thirty (30) days from the delivery date. Payment is due within 30 days of invoice date.*

**Payment Terms: 5% mobilization in advance, progress payments, NET30**

Please contact me immediately if you have any questions or concerns regarding this proposal. If this proposal is acceptable, please return a signed copy to our office via mail or fax. **This will serve as our notice to proceed with the work described herein.**

**Proposal accepted by:**

**Proposal submitted by:**

**Name:** Ken Klein \_\_\_\_\_

**Company:** Snohomish County \_\_\_\_\_

**Title:** Executive Director \_\_\_\_\_



7/7/2020

Signature

Date

**Paul Pritchard**  
**Security Sales Executive**  
**Siemens Industry, Inc.**



06/01/2020

Signature

Date

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**Denney Juvenile Justice Center**