

311.522.1800/6000

Attachment A

**SIEMENS**

**Snohomish County  
Corrections Bldg (Jail)  
Electronic Security System**

**System Type(s):  
- SiPass Access Control**

**Siemens Industry, Inc.  
Building Technologies Security Division  
15900 SE Eastgate Way, Ste.200  
Bellevue, WA 98008**

# **Siemens Industry, Inc.**

Date: 08 AUG 2018  
To: Michael Richter – Snohomish County  
RE: Snohomish County Corrections Building (Jail) - Access Control Retrofit

Siemens Industry, Inc. (SII) is pleased to provide the following quote for the above referenced project. This quote is based on customer meeting dated **June 29th, 2017** completed by **Mike Richter, Aaron Carlton, and Paul Pritchard**. All Snohomish County standards are reflected and no addenda(s) have been acknowledged.

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## **FINANCIAL SUMMARY:**

**SiPass Access Control Upgrade Investment ..... \$250,100.00**

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### **\*OPTION\***

**Client Workstations..... \$27,800.00**  
(Locations: Admin Station, Badging Station, Maintenance Troubleshoot Station)

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## **SCOPE OF WORK:**

Siemens shall furnish a 'Turnkey' installation for a SiPass Access Control System at the Snohomish County Corrections Building. SiPass matches Snohomish County standards. System design is a standalone system with NO connection to the existing county security server with existing software licensing.

Siemens has included all labor and materials to retrofit existing access panels with new SiPass panels at designated locations. All existing cabling, locking hardware, access credentials, and network connections will be re-used for this project.

Siemens has included Engineered Security drawings and will be provided upon completion of project.

# Siemens Industry, Inc.

## WALL STREET - 44 Total Card Readers

### LEVEL S2 (7CR):

- Remove existing ACS panels AC-S2; Install new Siemens SiPass Access Controllers in Electrical Room #S204.
  - **Panel #1** = SiPass Panel Style "A" consisting of: (1) 36x36x8 Locking Enclosure, (1) ACC, (1) 8-door controller, (2) 2-door controllers, (2) power supplies with fire alarm input, (2) 8-door SiPass Software expansion, (3) 12V backup batteries

### LEVEL S1 (3CR):

- Remove existing ACS panels AC-S1; Install new Siemens SiPass Access Controllers in Electrical Room #A.E802.
  - **Panel #2** = SiPass Panel Style "A" consisting of: (1) 36x36x8 Locking Enclosure, (1) ACC, (1) 8-door controller, (2) 2-door controllers, (2) power supplies with fire alarm input, (2) 8-door SiPass Software expansion, (3) 12V backup batteries

### LEVEL 1 (3CR):

- Remove existing ACS panels AC-1; Install new Siemens SiPass Access Controllers in Electrical Room #B.E903.
  - **Panel #3** = SiPass Panel Style "A" consisting of: (1) 36x36x8 Locking Enclosure, (1) ACC, (1) 8-door controller, (2) 2-door controllers, (2) power supplies with fire alarm input, (2) 8-door SiPass Software expansion, (3) 12V backup batteries

### LEVEL 2 (5CR):

- Remove existing ACS panels AC-2; Install new Siemens SiPass Access Controllers in Room #CAB2.N Closet.
  - **Panel #4** = SiPass Panel Style "A" consisting of: (1) 36x36x8 Locking Enclosure, (1) ACC, (1) 8-door controller, (2) 2-door controllers, (2) power supplies with fire alarm input, (2) 8-door SiPass Software expansion, (3) 12V backup batteries

### LEVEL 3 (6CR):

- Remove existing ACS panels AC-3; Install new Siemens SiPass Access Controllers in Electrical Room #3.
  - **Panel #5** = SiPass Panel Style "A" consisting of: (1) 36x36x8 Locking Enclosure, (1) ACC, (1) 8-door controller, (2) 2-door controllers, (2) power supplies with fire alarm input, (2) 8-door SiPass Software expansion, (3) 12V backup batteries

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## LEVEL 4 (13CR):

- Remove existing ACS panels AC-4; Install new Siemens SiPass Access Controllers in Elevator Lobby M431.
  - **Panel #6** = SiPass Panel Style "A" consisting of: (1) 36x36x8 Locking Enclosure, (1) ACC, (1) 8-door controller, (2) 2-door controllers, (2) power supplies with fire alarm input, (2) 8-door SiPass Software expansion, (3) 12V backup batteries
  - **Panel #7** = SiPass Panel Style "B" consisting of: (1) 36x36x8 Locking Enclosure, (1) 8-door controller, (2) 2-door controllers, (2) power supplies with fire alarm input, (2) 8-door SiPass Software expansion, (3) 12V backup batteries (RS485 COMM)

## LEVEL 5 (7CR):

- Remove existing ACS panels AC-5; Install new Siemens SiPass Access Controllers in Mechanical Room #M522.
  - **Panel #8** = SiPass Panel Style "A" consisting of: (1) 36x36x8 Locking Enclosure, (1) ACC, (1) 8-door controller, (2) 2-door controllers, (2) power supplies with fire alarm input, (2) 8-door SiPass Software expansion, (3) 12V backup batteries

## OAKES STREET - 96 Total Card Readers

### LEVEL A & B (12CR):

- Remove existing ACS panels; Install new Siemens SiPass Access Controllers in Security Electronics Room #A.C10.
  - **Panel #9** = SiPass Panel Style "A" consisting of: (1) 36x36x8 Locking Enclosure, (1) ACC, (1) 8-door controller, (2) 2-door controllers, (2) power supplies with fire alarm input, (2) 8-door SiPass Software expansion, (3) 12V backup batteries

### LEVEL C & D (24CR):

- Remove existing ACS panels; Install new Siemens SiPass Access Controllers in Security Closet C.D13 F7.
  - **Panel #10** = SiPass Panel Style "A" consisting of: (1) 36x36x8 Locking Enclosure, (1) ACC, (1) 8-door controller, (2) 2-door controllers, (2) power supplies with fire alarm input, (2) 8-door SiPass Software expansion, (3) 12V backup batteries
  - **Panel #11** = SiPass Panel Style "B" consisting of: (1) 36x36x8 Locking Enclosure, (1) 8-door controller, (2) 2-door controllers, (2) power supplies with fire alarm input, (2) 8-door SiPass Software expansion, (3) 12V backup batteries (RS485 COMM)

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## LEVEL E & MEZZANINE (22CR):

- Remove existing ACS panels; Install new Siemens SiPass Access Controllers in Security Room E.F12.
  - **Panel #12** = SiPass Panel Style "A" consisting of: (1) 36x36x8 Locking Enclosure, (1) ACC, (1) 8-door controller, (2) 2-door controllers, (2) power supplies with fire alarm input, (2) 8-door SiPass Software expansion, (3) 12V backup batteries
  - **Panel #13** = SiPass Panel Style "B" consisting of: (1) 36x36x8 Locking Enclosure, (1) 8-door controller, (2) 2-door controllers, (2) power supplies with fire alarm input, (2) 8-door SiPass Software expansion, (3) 12V backup batteries (RS485 COMM)

## LEVEL F & MEZZANINE (19CR):

- Remove existing ACS panels; Install new Siemens SiPass Access Controllers in Security Room F.F12.
  - **Panel #14** = SiPass Panel Style "A" consisting of: (1) 36x36x8 Locking Enclosure, (1) ACC, (1) 8-door controller, (2) 2-door controllers, (2) power supplies with fire alarm input, (2) 8-door SiPass Software expansion, (3) 12V backup batteries
  - **Panel #15** = SiPass Panel Style "B" consisting of: (1) 36x36x8 Locking Enclosure, (1) 8-door controller, (2) 2-door controllers, (2) power supplies with fire alarm input, (2) 8-door SiPass Software expansion, (3) 12V backup batteries (RS485 COMM)

## LEVEL G & MEZZANINE (19CR):

- Remove existing ACS panels; Install new Siemens SiPass Access Controllers in Security Room G.F12.
  - **Panel #16** = SiPass Panel Style "A" consisting of: (1) 36x36x8 Locking Enclosure, (1) ACC, (1) 8-door controller, (2) 2-door controllers, (2) power supplies with fire alarm input, (2) 8-door SiPass Software expansion, (3) 12V backup batteries
  - **Panel #17** = SiPass Panel Style "B" consisting of: (1) 36x36x8 Locking Enclosure, (1) 8-door controller, (2) 2-door controllers, (2) power supplies with fire alarm input, (2) 8-door SiPass Software expansion, (3) 12V backup batteries (RS485 COMM)

# **Siemens Industry, Inc.**

## **BILL OF MATERIALS**

- 1 - SIPASS OPTIMA Software Licensing (accommodates 64 Readers, 10,000 cards, 1 Server and 3 Client Workstations)
- 1 – SiPass Access Control Directory Server
- 18 – SiPass Card Reader licensing (8-door packs)
- 12 – SiPass Style “A” 12-Door controller panels w/ Power Supply
- 5 – SiPass Style “B” 12-Door controller panels w/ Power Supply
- 51 – 12VDC Batteries
- Re-use existing Card Readers
- Re-use existing electrified locking hardware

## **\*Option\***

- ❖ 3 – SiPass Client workstations (tower style)
- ❖ 3 – 24” monitors, mouse and keyboards
- ❖ 1 – Fargo photo badge printer w/ ribbons
- ❖ 1 – USB camera w/ tripod kit
- ❖ 1- SiPass Photo ID licensing

# Siemens Industry, Inc.

## 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. The matrix for existing PLC will be included in new drawing set. 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 2-week system burn-in (7am-4pm / M-F). Hours can be manipulated to fit requirement of Snohomish County. *Not to exceed 80hrs.*
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. SiPass functionality will match existing access system functionality:
  - Existing PLC will run all door control
  - SiPass Relay Output boards directed to PLC
  - Standalone data base
  - No Video integration
  - No elevator 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 cabling and access control 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. Prescheduled weekly progress meetings are included in proposal pricing.
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. All project required 120VAC circuits and connections provided by Snohomish County.
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 new SiPass access control system.
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 and Siemens technician.
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. 120VAC by others
6. Network connectivity by others
7. Performance or Payment bonds.
8. Costs associated with schedule acceleration, project meetings, multiple trips onsite due to incompleteness of others, or multiple unplanned phases.
9. Washington State Sales Tax.

### Proposal Presented by:

Paul Pritchard – Acct Executive Security Solutions

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