



Snohomish County

**Courthouse
Security Retrofit**

System Type(s):

- IP Surveillance -

**Siemens Industry, Inc.
Building Technologies Security Division
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Bellevue, WA 98008**

Presented by:
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Siemens Industry, Inc.

Date: 09 JULY 2018

To: Snohomish County – Jeff Hencz

RE: Snohomish County Courthouse – Security Solution (Construction Set)

Siemens Industry, Inc. is pleased to provide the following quotation for the above referenced project. This quote is based on drawings issued as **CONSTRUCTION DOCUMENTS** dated **05/04/2018** done by **HEERY International Inc** and provided by **OACSVCS**. All specifications and addendum have been acknowledged. The clarifications and exclusions listed are intended to clarify the scope between related subcontractors and suppliers.

FINANCIAL SUMMARY

IP Surveillance System Investment: \$ 149,775.00

SOLUTION OVERVIEW

Snohomish County has requested Siemens to assist with the remodel and expansion of the Snohomish County Courthouse, located in Everett Washington. Siemens has been instructed to work within the project construction Tier, under the electrical contractor; VECA Electric.

Siemens has planned to provide, deliver and install all the necessary security components required for a full functioning Access Control and IP Surveillance system. Siemens will comply with construction project schedule and milestone timelines.

SCOPE OF WORK

IP Video Management System (VMS):

Siemens shall furnish a 'turnkey' installation of an IP Surveillance system. The VMS software will be ONSSI, matching the existing Snohomish County standard. System will comprise of new high resolution cameras, POE network switches and video storage server.

All new camera locations and camera types have been identified on current set of project drawings (Construction Set 05/04/2018). Siemens has also included a new video server with 56TB of storage and POE network switches to accommodate the new camera infrastructure.

IP Video Recording Parameters

45day archive video, 10fps, 60% Motion prompted recording, full resolution

Camera Storage Calculations: (64) 2MPx Cameras = 33.59 TB Required

(12) 5MPx Cameras = 8.20 TB Required

Total Required Storage = 41.79TB Required

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Siemens Security Solutions**

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BILL OF MATERIALS

IP Surveillance System – Bill of Materials (29 Total IP Cameras)

- ❖ ONSSI - IP Surveillance Software and licensing
 - IP Video Storage Server
 - 56TB Archive Storage array (Rack Mount)
 - Includes RAID 5 hard-drive for Redundancy

- ❖ Basement (2 cams)
 - (1) Axis P3365VE Fixed Dome Cameras w/ mounts (2MPx)
 - (1) Axis P3703PE 360degee Multi-Sensor Camera w/ mounts (8MPx)
 - (1) 8-Port EdgeCore Network Switch 10/100/1000 POE+ Managed Switch

- ❖ Level 1 (13 cams)
 - (7) Axis P3365VE Fixed Dome Cameras w/ mounts (2MPx)
 - (4) Axis P3703PE 360degee Multi-Sensor Camera w/ mounts (8MPx)
 - (2) Axis Q3708PVE 180degee Multi-Sensor Camera w/ mounts (15MPx)
 - (1) 16-Port EdgeCore Network Switch 10/100/1000 POE+ Managed Switch

- ❖ Level 2 (3 cams)
 - (1) Axis P3365VE Fixed Dome Cameras w/ mounts (2MPx)
 - (2) Axis P3703PE 360degee Multi-Sensor Camera w/ mounts (8MPx)
 - (1) 8-Port EdgeCore Network Switch 10/100/1000 POE+ Managed Switch

- ❖ Level 3 (4 cams)
 - (1) Axis P3365VE Fixed Dome Cameras w/ mounts (2MPx)
 - (2) Axis P3703PE 360degee Multi-Sensor Camera w/ mounts (8MPx)
 - (1) Axis Q3708PVE 180degee Multi-Sensor Camera w/ mounts (15MPx)
 - (1) 8-Port EdgeCore Network Switch 10/100/1000 POE+ Managed Switch

- ❖ Level 4 (5 cams)
 - (2) Axis P3365VE Fixed Dome Cameras w/ mounts (2MPx)
 - (2) Axis P3703PE 360degee Multi-Sensor Camera w/ mounts (8MPx)
 - (1) Axis Q3708PVE 180degee Multi-Sensor Camera w/ mounts (15MPx)
 - (1) 8-Port EdgeCore Network Switch 10/100/1000 POE+ Managed Switch

- ❖ Level 5 (2 cams)
 - (2) Axis P3703PE 360degee Multi-Sensor Camera w/ mounts (8MPx)
 - (1) 8-Port EdgeCore Network Switch 10/100/1000 POE+ Managed Switch

Siemens Industry, Inc.

Clarifications

1. Turnkey Installation = System components, system design, engineering services, field device installation and wire terminations, field technician startup and end-user system training.
2. Provide by others = Cable, cabling installation, 120VAC power and Network connectivity, electrified locking hardware, Gates, motors and ground loop devices.
3. ACAD drawings: Siemens has included security engineered project drawings as applicable for this project. It is assumed Siemens will continue drawings from last known revision. Drawings will follow current drawing format as specified by Snohomish County.
4. All Siemens proposed SiPass panels will be wired specifically to Snohomish County standards. Including individual cable labeling and specific wire termination connectors.
5. Bi-Weekly progress meetings are included in project pricing.
6. Siemens will furnish material cut sheets for submittal, for Siemens provided materials.
7. Pricing includes project management for the duration of the tentative project schedule.
8. Pricing includes one (1) year warranty
9. All project required 120VAC circuits and connections provided by Snohomish County.
10. Work is assumed to be completed during normal business hours Monday – Friday (7am-5pm). Off shift labors will be additional cost.

Exclusions

1. Cutting, painting and patching.
2. Asbestos abatement or containment
3. Fire Alarm system interface, if required.
4. Cable, cabling installation, 120VAC power and Network connectivity
5. Performance or Payment bonds.
6. Costs associated with schedule acceleration, project meetings, multiple trips onsite due to incompleteness of others, or multiple unplanned phases.
7. Low Voltage Electrical Permit
8. Washington State Sales Tax.

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: _____
Company: KEN KLEIN
Title: Executive Director

Paul Pritchard
Security Sales Executive
Siemens Industry, Inc.

 9/19/18
Signature Date

 7/19/2018
Signature Date

COUNCIL USE ONLY	
Approved: <u>9.19.18</u>	
Decfile: <u>D-6</u>	

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