



THE STATE  
of **ALASKA**  
GOVERNOR BILL WALKER

**Department of Corrections**

DIVISION OF ADMINISTRATIVE SERVICES  
Anchorage Procurement Section

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March 26, 2015

ATTN: All Vendors

RE: RFP 2019010 – Security Controls & IP Video Upgrade

**Addendum #1**

The following changes have been made to this RFP. If you should have any questions please contact me.

- 1. A change has been made to Section 16727, Detention Monitoring and Control System; 1.5 Qualifications, A. 1. See attached revised section pages for details of change. All other terms and conditions remain unchanged.**

***End of Addendum #1***

**Acknowledgement of Receipt Required:** (Please fill out below info and return upon receipt.)

\_\_\_\_\_  
Business Name

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Sincerely,

Gary Bailey  
Procurement Officer

**SECTION 16727 – DETENTION MONITORING AND CONTROL SYSTEM****PART 1 - GENERAL****1.1 SECTION INCLUDES**

- A. Touchscreen Security Control System.

**1.2 RELATED SECTIONS**

- A. Section 16010 - Basic Electrical Requirements.
- B. Section 16120- Wire and Cable.
- C. Section 16132 – Raceway and Boxes.
- D. Section 16149 – Detention Relay Logic System.
- E. Section 16195 – Electrical Identification.
- F. Section 16751 – Detention Intercom System.
- G. Section 16782 – Video Surveillance System.
- H. Section 16903 – Detention PLC Control System.

**1.3 SYSTEM DESCRIPTION**

- A. Provide a complete and operating touchscreen control system consisting of touchscreen computers, a programmable logic controller, and relay interface.
- B. The system shall integrate the door control, intercom, and IP Video systems. System configuration shall be such that failure of a single component shall not render the system inoperative. Provide all labor, equipment, materials and supervision to install, calibrate, adjust, document and test the total system as required herein and as indicated on the drawings.
- C. Provide associated circuitry to operate and/or monitor all new and existing intercoms, electrically-connected gates, door locks, and door position switches that are currently controlled/monitored by the existing control panels in the Main Control Room or are being added in this project. The Contractor shall field verify the power and control requirements of all devices and provide all materials and labor required to accomplish intended function.

**1.4 REGULATORY REQUIREMENTS**

- A. All systems shall comply with applicable federal, state, and local building codes. Conduit and wire installation shall comply with all of the provisions of Division 16. All equipment and assemblies shall be Underwriters Laboratories approved if applicable.

**1.5 QUALIFICATIONS**

- A. The Security Systems Integrator shall submit qualifications in accordance with Division 1. Qualifications shall include the following:

1. The entire security system shall be assembled, programmed, and installed by a single Security Systems Integrator. The Security Systems Integrator shall have a minimum of two (2) years documented experience assembling, programming, and installing these types of touchscreen security systems in correctional facilities or documented substantive experience directly related to the proposed contract. Outline years of experience and jobs of similar size and scope successfully completed. Provide references for each job referenced. Documentation of previous experience shall include at least five (5) similar projects where a touchscreen security system of this type and complexity has been retrofitted into an existing correctional facility.
2. Where the system installer is a branch office or other division of a larger organization, the qualifications of the branch office or other division shall meet the requirements of the Contract Documents.
3. Maintenance Service and Software Support: The Security Systems Integrator shall be able to provide initial contact on warranty service and/or service contract requests from their principal location within four (4) hours of notification. During the warranty period, the Contractor may choose to attempt troubleshooting and/or repair of the system by telephone, either with the facility maintenance staff or by using the touchscreen remote access software. If the problem cannot be resolved within 24 hours, the Security Systems Integrator shall travel to the facility on the next available flight to repair the system.

#### 1.6 SUBMITTALS

- A. Submit under provisions of Division 1 and Division 16.
- B. Product Data: Provide data for each component specified showing electrical characteristics and connection requirements.
- C. Electronic AutoCad® drawings of the building floor plans are available upon request for preparation of the shop drawings. All device locations shall be field verified by the Contractor prior to completion of the shop drawings.
- D. Provide contract-size shop drawings that include the following information:
  1. One-line diagram for each system (i.e. door control, intercom, IP Video, etc.) that shows the signal relationships of all devices within the system.
  2. Indicate electrical characteristics and connection requirements, including line voltage and low voltage wiring, and logic diagrams or block diagrams where required.
  3. Show scaled, pictorial layout drawings of relay and PLC cabinets, including wire/cable designations as shown on the one-line diagrams or elsewhere in the shop drawings. The cabinet layout drawings shall include completed assemblies, interconnecting cabling, dimensions, weight, and external power requirements. Layout drawings shall be done in a scale allows the smallest text on the drawing to be legible when the drawing is reduced to 11" x 17".
  4. Show an overall riser diagram of the facility security system, including all terminal cabinets, major pull and junction boxes or gutters, and all touchscreen workstations. The riser diagram shall include conduit sizing and routing with the number and size of conductors in each conduit. Locations of all terminal cabinets, relay cabinets, major pullboxes, and workstations shall be identified on the Drawings. Include conductor labels to be used by the installer during construction.