



COUNTY OF SAN LUIS OBISPO
DEPARTMENT OF GENERAL SERVICES

COUNTY GOVERNMENT CENTER • SAN LUIS OBISPO, CALIFORNIA 93408 • (805) 781-5200

DUANE P LEIB, DIRECTOR

**REQUEST FOR PROPOSAL PS-#935
UPGRADE OF CCTV SURVEILLANCE SYSTEM**

November 22, 2006

The County of San Luis Obispo is currently soliciting proposals for professional services to upgrade the current SLO County Jail's Closed Circuit Television Surveillance with a digital video recording management system for that facility.

Each proposal shall specify each and every item as set forth in the attached specifications. Any and all exceptions must be clearly stated in the proposal. Failure to set forth any item in the specifications without taking exception, may be grounds for rejection. The County of San Luis Obispo reserves the right to reject all proposals and to waive any informalities.

If your firm is interested and qualified, please submit four, (4) copies of your proposal by 5:00 PM on January 9, 2007 to:

County of San Luis Obispo
Barbara Adams, Buyer, Central Services
1087 Santa Rosa Street
San Luis Obispo, CA 93408

If you have any questions about the proposal process, please contact me. For technical questions and information contact Correctional Lieutenant Cole at (805) 781-4605.

BARBARA ADAMS
Buyer
beadams@co.slo.ca.us

TO: ALL PROSPECTIVE PROPOSERS
SUBJECT: LOCAL PROPOSERS PREFERENCE

The County of San Luis Obispo has established a local vendor preference. All informal and formal Request for Proposals for contracts will be evaluated with a 5% preference for local vendors. Note the following exceptions:

1. Those contracts which State Law or, other law or regulation precludes this local preference.
2. Public works construction projects.

A "local" vendor will be approved as such when, 1) It conducts business in an office with a physical location within the County of San Luis Obispo; 2) It holds a valid business license issued by the County or a city within the County; and 3) Business has been conducted in such a manner for not less than six (6) months prior to being able to receive the preference.

As of March 3, 1996 individual County Buyers evaluate RFP's (Request For Proposal) considering the local vendor preference described above. The burden of proof will lie with proposers relative to verification of "local" vendor preference. Should any questions arise, please contact a buyer at 781-5200. All prospective proposers are encouraged to quote the lowest prices at which you can furnish the items or services listed in County proposals.

	YES	NO
Do you claim local vendor preference?	<input type="checkbox"/>	<input type="checkbox"/>
Do you conduct business in an office with a physical location within the County of San Luis Obispo?	<input type="checkbox"/>	<input type="checkbox"/>
Business Address: _____ _____		
Years at this Address: _____		
Does your business hold a valid business license issued by the County or a City within the County?	<input type="checkbox"/>	<input type="checkbox"/>
Name of Local Agency which issued license: _____		
Business Name: _____		
Authorized Individual: _____ Title: _____		
Signature: _____ Dated: _____		

PROPOSAL SUBMITTAL AND SELECTION

1. All proposals, consisting of four, (4) copies must be received by mail, recognized carrier, or hand delivered no later than 5:00 PM on January 9, 2007. Late proposals will not be considered.
2. All correspondence should be directed to:

San Luis Obispo County
Department of General Services
1087 Santa Rosa Street
San Luis Obispo, CA 93408
ATTENTION: Barbara Adams, Buyer
Telephone: 805-781-5906
3. Costs of preparation of proposals will be borne by the proposer.
4. It is preferred that all proposals be submitted on recycled paper, printed on two sides.
5. Selection of qualified proposers will be by an approved County procedure for awarding professional contracts.
6. This request does not constitute an offer of employment or to contract for services.
7. The County reserves the option to reject any or all proposals, wholly or in part, received by reason of this request.
8. The County reserves the option to retain all proposals, whether selected or rejected.
9. All proposals shall remain firm for ninety, (90) days following closing date for receipt of proposals.
10. The County reserves the right to award the contract to the firm who presents the proposal which in the judgment of the County, best accomplishes the desired results, and shall include, but not be limited to a consideration of the professional service fee.
11. Selection will be made on the basis of the proposals as submitted. The Selection Committee may deem it necessary to interview applicants. The County retains the right to interview applicants as part of the selection process.
12. The proceedings of the Selection Committee are confidential. Members of the Selection Committee are not to be contacted by the proposers.

PROPOSAL FORMAT

A qualifying proposal must address all of the following points:

1. Project Title
2. Applicant or Firm Name
3. Firm Qualifications
 - a. Type of organization, size, professional registration and affiliations.
 - b. Names and qualifications of personnel to be assigned to this project.
 - c. Outline of recent projects completed that are directly related to this project. Consultant is required to demonstrate specific design and project expertise relating to the requirements of the Project Scope.
 - d. Qualifications of consultants, subcontractors, or joint venture firm, if appropriate.
 - e. Client references from recent related projects, including name, address and phone number of individual to contact for referral.
4. Understanding of and Approach to the Project
 - a. Summary of approach to be taken.
 - b. Description of the organization and staffing to be used for the project.
 - c. Indication of information and participation the proposer will require from County staff.
 - d. Indication of time frame necessary to complete the plan review once a Notice to Proceed is issued.
5. Fees and Insurance
 - a. Propose total fixed fees to complete project as described under Project Scope.
 - b. The selected Contractor will be required to provide insurance coverage in the amount of \$1,000,000 Commercial General Liability Insurance. This amount of insurance coverage shall be reflected in your estimated professional fee.

Proposal Format
Page Two

- c. The Contractor shall provide within five (5) days after the Notice of Award is issued a certificate of liability insurance naming the County of San Luis Obispo and its employees and officers as additionally named insured. This shall be maintained in full force and effect for the duration of the contract and must be in an amount and format satisfactory to the County.

- d. The selected Contractor will be required to defend, indemnify and save harmless the County, its employees, officers, agents, from any and all claims, demands, damages, costs, expenses, judgments or liability of any nature whatsoever which may result from this contract except for claims, demands, damages, costs, expenses or judgments resulting solely from the negligence or willful misconduct of the County.

UPGRADE OF CCTV SURVEILLANCE SYSTEM WITH DIGITAL SURVEILLANCE
SYSTEM FOR COUNTY JAIL, HONOR FARM AND KITCHEN

1.0 PROJECT OVERVIEW

- A. OPTION 1: The Sheriff's Department is providing the following information for a Request for Proposal to upgrade the 24 hour Close Circuit Television (CCTV) Surveillance system to a digital video recording management system for the San Luis Obispo County Jail. The Jail is located at 1585 Kansas Ave, San Luis Obispo, CA 93405
- B. OPTION 2: Depending on the responses and available funding, the Sheriff's Department is interested in 24 hour video surveillance for the Honor Farm and Kitchen. A separate quote is requested. Currently, no video monitoring system exists at this location. All recordings of selected cameras will require storage at the County Jail location as described in the Request for Proposal. The Honor Farm and Kitchen are located at 880 Oklahoma Avenue, and the County Jail is located approximately 1/4 mile away.
- C. A site visit for interested parties is highly desirable but not mandatory and is scheduled for Monday, December 4, 2006 at 0900 AM.

1.1 SCOPE OF SERVICES

- A. OPTION 1: The San Luis Obispo County Jail currently has a video monitoring system consisting of 63 cameras with five (5) separate CCTV systems that operate independently from each others. Two areas have audio recording in conjunction with the video recording. Selective cameras are recorded and video tapes are stored for one year. The proposed expansion will:
 - 1. Remove and upgrade existing monitoring/recording head-end equipment and upgraded to a digital video recording management system as described within this specification.
 - 2. Integrate all camera call up with existing touch screen systems and other security electronics systems.
 - 3. Remove and replace existing two-way intercom system. Audio and video at two locations will be recorded.
 - 4. Incorporate existing cameras, and equipment with proposed system.

5. Provide installation of 43 additional cameras, and related equipment. In specified areas, low light/night cameras will be required. (The jail facility is of cement wall construction and may require conduit to each camera location).
 6. Provide monitoring capabilities.
 7. The monitor shall provide an on-screen display for setup and adjustment of the monitor viewing parameters. Monitor digital resolution to be approved by the County and should not be less than 1280 x 1024 pixels.
 8. Provide recording capabilities of all cameras. Store recorded data for one year, 24/7, 365 days per year for 106 cameras. With Option 2 included, number of cameras recorded is 129.
 9. Taping of selective cameras will be continuous or on video motion, as determined by the County.
 10. Retrofit, reconfigure or relocate existing or additional equipment rooms for recording equipment. If necessary, provide the required air circulation or ventilation to maintain proper temperature of the storage room.
 11. Retrofit, reconfigure or relocate existing or additional equipment required to make system fully functional.
 12. Provide battery back-up power protection (UPS) to cameras and monitoring/ recording systems, and connect to the Jails emergency generator system.
- B. OPTION 2: Install digital video surveillance system for the Honor Farm and Kitchen with monitoring and recording capability.
1. Provide installation of 23 cameras, and related equipment, including but not limited to all necessary hardware, conduit, cables, fittings and boxes to locations. Pelco brand, model dependant on individual requirements, to be determined by Contractor and the County.
 2. Provide monitoring capabilities at three locations, Correctional Officer station at Honor Farm, Sergeant's Office at APS and in the Kitchen Office.

3. Provide recording capabilities of selected cameras. Storage of recorded data for one year, 24/7, 365 days. Storage of recorded video to be at the County Jail facility location.
 4. Provide battery back-up power protection (UPS) to cameras and monitoring/ recording systems, and connect to the Honor Farm's emergency generator system.
- C. The requirements described herein are considered reasonable to meet the County's needs. The County is interested in exploring new technological solutions that would enhance the video surveillance system, including, but not limited to IP based systems and wireless systems. Contractors having alternative proposals to meet these needs, may, after responding to the minimum requirements hereunder, offer alternative solutions for consideration by the County.
- D. Contractors should pay careful attention to potential vandalism from the jail population, and install equipment in a manner that will reduce or minimize potential damage and/or the need for adjustments.
- E. Contractor will be responsible for all cost associated with acquiring of equipment and hardware, and installation for an operational recording system. All necessary hardware, conduit, cables, fittings and boxes to locations in appropriate diameter as determined by Contractor shall be supplied.
- F. Contractor shall provide and install all necessary parts, connectors, and wiring for proper system operation per manufacturer specifications. After installation, Contractor shall restore the premise to its original condition, and will be responsible for repairing holes in walls.
- G. Cameras and enclosures shall consist of a tamper/impact resistant, surface-mount enclosures. The enclosures shall meet or exceed the following design and performance specifications:
1. Enclosure shall be easy to install, requiring only standard tools.
 2. Tamper resistant, pin-in-hex screws and tightening tool shall be provided to secure the cover assembly to the enclosure.
- H. Camera and enclosures, when installed, shall have no exposed cables.
- I. Field-of-View Testing: After camera and lens installation, and with consoles installed, demonstrate the field-of-view of each camera/lens combination to the County. Replace lens type and/or adjust camera positioning as needed to obtain the County's desired field-of-view at no additional cost.

1.2 EXISTING SYSTEM OPERATIONS

A. Main Jail

1. A video surveillance (CCTV) system is provided for general surveillance and ten (10) cameras are recorded.
2. 18- cameras, 6- monitors (five located in Main Jail Control room, one LCD monitor, located at officers workstation), 4-quad units, 1-multiplexer, 2- VCR's, and 1-audio system are provided for monitoring, and selective cameras are recorded. Recorded cameras are grouped and sequenced on designated monitors.

B. Women's Jail

1. A video surveillance (CCTV) system is provided for general surveillance and one(1) camera is recorded.
2. 11- cameras, 3- monitors (three located in control room, one LCD monitor located at officers workstation), and 1-quad unit

C. West Dorm Control

1. A video surveillance (CCTV) system is provided for general surveillance of selective cameras. Four (4) cameras are recorded.
2. 2- monitors, 1-quad unit, 1-VCR

D. West Housing Control

1. A video surveillance (CCTV) system is provided for general surveillance of selective cameras. No cameras are recorded.
2. 1-monitor

E. Central Control/ Intake Release Center Video Room/ West Jail

1. A video surveillance (CCTV) system is provided for general surveillance and recording of selective cameras. Camera views that appear on the monitor are recorded. Recorded cameras are grouped and sequenced on designated monitors.
2. 34-cameras, 7 -monitors (6-Central Control, 1-Video Room), 3-quad units, 1-multiplexer, 1-audio system, CCTV switcher (Central Control), and 1-switcher (Video Room) are provided for monitoring, and selective cameras are recorded.

F. Honor Farm

1. No system exists

G. Kitchen

1. No system exists

1.3 NEW EQUIPMENT AND SYSTEM OPERATIONS REQUIREMENTS

- A. Coordinate and review with County the desired digital video recording system. DVR units shall provide a minimum of 1 year internal hard drive recording with additional video archiving available through removable media. DVR shall have a minimum amount of channels to provide an individual input for each camera attached. DVR shall be network capable with the facility computer system via a built-in industry standard Ethernet port and protocol. Contractor shall provide necessary software to provide system control of DVR units through the internal computer network. Frames per second to be determined by Contractor and the County depending on location of camera.
- B. The County may wish to have the ability to transfer video data via network to a central storage server. Indicate impact and costs associated with providing this system.
- C. The system shall be capable of recovering all system data using system back up.
- D. The system should include an alert system that will detect and notify of any camera or system problem.
- E. The system shall consist of, but not limited to, color cameras with auto iris, manual lenses, pan/tilt/zoom, camera enclosures, housing mounts, color monitors, matrix video switcher, programmable keyboard controller, power supplies, and all necessary interfacing components. Low light/ night cameras may be required in specified areas.
- F. Cameras will be high resolution color units installed in security enclosures.
- G. Cameras and enclosures to be Pelco ICS111-CRV39A or equal and must be designated "Vandal Resistant" by manufacturer.

- H. Camera power supply shall provide individual fused output to each camera. Power supply shall be Pelco MCS16-10B or equal.
- I. Monitor configuration will be reviewed during design to ensure compliance with all facility requirements.
- J. System monitors shall be color, high resolution, high quality LCD panel, with a diagonal viewing area of not less than 17." LG - M1910A or equal. Larger LCD panels may be required in some areas.
- K. The recording system shall incorporate proven technology to search recordings and transfer recordings to CD or DVD in a non-proprietary format for use by staff in their investigations.
- L. Recordings must be easily accessible. Software shall have a search function to include, but not limited to, time/date, and location, or any combination thereof.
- M. **Main Jail**
 - 1. Remove any existing VCRs, multiplexers, quad switchers, and monitors.
 - 2. Provide and install 16 channel DVR unit(s) and/or eight (8) channel DVR unit(s). Number to be determined by the Contractor, and the County.
 - a. Pelco DX8016-1000 1TB DVR with CD-RW or Equal
 - b. Pelco DX9200HDDI-3000 3TB Mass Storage Unit or Equal
 - c. Pelco DX8UP-ISC SCSI Upgrade Card or Equal
 - d. Pelco DX8008-1000 with CD-RW or Equal
 - e. Pelco DX8UP-ISC SCSI Upgrade Card or Equal
 - 3. Connect existing cameras to DVR unit.
 - 4. Provide and install 17" LCD flat monitor(s). Number to be determined by the Contractor, and the County.
 - a. LG M1910A or Equal

5. Provide and install 16 channel fused output power supplies. Number to be determined by the Contractor, and the County.
 - a. Pelco MCS16-10B or Equal

6. Add 13 color cameras, with auto iris lenses, and vandal resistant enclosures to the following locations. Focal length to be determined by the Contractor, and the County. All recorded.
 - a. Pelco ICS111-CRV39A or Equal

MAIN JAIL ADDITIONAL CAMERA LOCATIONS	
Number of Cameras	Location Description/View
1	A-deck
1	B-deck
1	O-deck
1	I -deck
1	L-deck
1	R-deck
1	Corridor R-A deck
1	Corridor O-I deck
1	Corridor L-R deck
1	Corridor in front of Exercise yard 1
1	Corridor in front of Exercise yard 2, leading to Stahl Hall
1	Visiting room (inmate side)
1	Visiting room (visitor side)
13	Total

N. Women's Jail

1. Remove existing VCR, quad switcher, and monitors.
2. Provide and install 16 channel DVR unit(s). Number to be determined by the Contractor, and the County.
 - a. Pelco DX8016-1000 1TB DVR with CD-RW or Equal
 - b. Pelco DX9200HDDI-3000 3TB Mass Storage unit or Equal
 - c. Pelco DX8UP-ISC SCSI Upgrade Card or Equal
3. Provide and install 17" LCD flat monitor(s). Number to be determined by the Contractor, and the County.
 - a. LG M1910A or Equal
4. Provide and install 16 channel fused output power supply. Number to be determined by the Contractor, and the County.
 - a. Pelco MCS16-10B or Equal
5. Connect existing 11 cameras to DVR unit.
6. Adjust and/or relocate one (1) camera in the Women's Jail to enhance perspective of camera as deemed appropriate by authorized personnel.
7. Add three (3) color cameras, with auto iris lenses, and vandal resistant enclosures to the following locations. Focal length to be determined by the Contractor and the County. All recorded.
 - a. Pelco ICS111-CRV39A or Equal

WOMEN'S JAIL ADDITIONAL CAMERA LOCATIONS	
Number of Cameras	Location Description/View
1	Corridor leading to HF/Dorm
1	View of area near storage room by entrance to HF/Dorm vestibule
1	Vestibule area HF/Dorm
3	Total

O. **West Dorm**

1. Remove existing VCRs, quad switchers, and monitors.
2. Provide and install 16 Channel DVR unit(s). Number to be determined by the Contractor, and the County.
 - a. Pelco DX8016-1000 1TB DVR with CD-RW or Equal
 - b. Pelco DX9200HDDI-3000 3TB Mass Storage unit or Equal
 - c. Pelco DX8UP-ISC SCSI Upgrade Card or Equal
3. Provide and install 17" LCD flat monitor(s). Number to be determined by the Contractor, and the County.
 - a. LG M1910A or Equal
4. Provide and install 16 channel fused output power supply. Number to be determined by the Contractor, and the County.
 - a. Pelco MCS16-10B or Equal
5. Connect existing nine (9) camera views to DVR unit.
6. Add five (5) color cameras, with auto iris lenses, and vandal resistant enclosures to the following locations. Focal length to be determined by the Contractor and the County. All recorded.
 - a. Pelco ICS111-CRV39A or Equal

WEST DORM ADDITIONAL CAMERA LOCATIONS	
Number of Cameras	Location Description/View
1	Wall area by 800 yard- inmates chained for court, searched, etc
1	Dayroom 800 unit
1	Dayroom 800 unit
1	Dayroom 700 unit
1	Dayroom 700 unit
5	Total

P. West Housing

1. Remove existing, quad switchers, and monitors.
2. Provide and install 16 channel and/or eight (8) channel DVR unit(s). Number to be determined by the Contractor, and the County.
 - a. Pelco DX8016-1000 1TB DVR with CD-RW or Equal
 - b. Pelco DX9200HDDI-3000 3TB Mass Storage Unit or Equal
 - c. Pelco DX8UP-ISC SCSI Upgrade Card or Equal
 - d. Pelco DX8008-1000 with CD-RW or Equal
 - e. Pelco DX8UP-ISC SCSI Upgrade Card or Equal
3. Provide and install 26" LCD flat monitor(s). Number to be determined by the Contractor, and the County.
4. Provide and install 16 channel fused output power supply. Number to be determined by the Contractor, and the County.
 - a. Pelco MCS16-10B or Equal
5. Connect two (2) exiting camera views to DVR unit.
6. Add 17 color cameras, with auto iris lenses, and vandal resistant enclosures to the following locations. Focal length to be determined by the Contractor and the County. All recorded.
 - a. Pelco ICS111-CRV39A or Equal

WEST HOUSING ADDITIONAL CAMERA LOCATIONS	
Number of Cameras	Location Description/View
1	Medical/ Mental Health room
1	Corridor
1	Corridor
1	Corridor 600 unit
1	Corridor 600 unit
2	100 unit
2	200 unit
2	300 unit
2	400 unit
2	500 unit
2	600 unit
17	Total

Q. Intake Release Center/Central Control/ West Jail (interior/exterior)

1. Remove existing VCRs, multiplexers, quad switchers, and monitors.
2. Provide and install "rack-mount" style 16 channel DVR unit(s). The number to be determined by the Contractor and the County.
 - a. Pelco DX8016-1000 1TB DVR with CD-RW or Equal
 - b. Pelco DX9200HDDI-3000 3TB Mass Storage Unit or Equal
 - c. Pelco DX8UP-ISC SCSI Upgrade Card or Equal
3. Provide and install 17" LCD flat monitor(s) in Central Control. Number to be determined by the Contractor and the County.
 - a. LG M1910A or Equal

4. Provide and install 17" LCD flat monitor(s) in equipment rack in equipment room. Number to be determined by the Contractor and the County.
 - a. LG M1910A or Equal
5. Provide and install 16 channel fused output power supplies. Number to be determined by the Contractor and the County.
 - a. Pelco MCS16-10B or Equal
6. Connect existing 34 cameras to DVR units.
7. Incorporate existing PTZ / switcher into DVR new system.
8. Adjust and/or relocate two (2) cameras around Central Control to enhance perspective of cameras as deemed appropriate by authorized personnel.
9. Add five (5) color cameras, with auto iris lenses, and vandal resistant enclosures to the following locations. Focal length to be determined by the Contractor and the County. All recorded.
 - a. Pelco ICS111-CRV39A or Equal

WEST JAIL FACILITY ADDITIONAL CAMERA LOCATIONS	
Number of Cameras	Location Description/View
1	View holding cell #3
1	View holding cell #4
1	View of corridor, between Transfer Corridor 2-3
1	View of visitor's side visiting (one already exists, add additional camera)
1	View of IRC lobby (one already exists, add additional camera)
5	Total

R. Additional Upgrades Main Jail Control Lobby/ West Jail Reception Lobby

1. Remove and replace existing two-way intercom between Main Jail Control and entry hall.

2. Remove and replace existing 2-way intercom between West Jail Reception and West Jail Lobby.
3. Intercom systems shall provide clear communication for the jail staff and the public. The system will need to take into consideration the acoustics of room and location of microphone/ speaker placement to minimize the "echo" effect. Equipment shall be designated "Vandal Resistant" by manufacturer.
4. Audio, along with video will be recorded.

S. Honor Farm and Kitchen

1. The system shall consist of, but not limited to, day/night color cameras, lenses, camera enclosures, housing mounts, color monitors, matrix video switcher, programmable keyboard controller, power supplies, and all necessary interfacing components.
2. Indoor Fixed Camera and Housing: Provide high resolution, day/low light color cameras with vari-focal, auto-iris lenses mounted inside security housings or enclosures with fixed mounts. Mounting types shall include ceiling, corner and wall.
3. Outdoor Fixed Camera and Housing and Related Equipment: Provide high resolution, day/night color cameras with vari-focal, auto-iris lenses mounted inside environmental security housings with fixed mounts. Contractor to provide all necessary equipment, including, but not limited to all necessary sun-shields, heaters, blowers and weatherproof accessories for a complete installation.
4. Outdoor Pan/Tilt/Zoom Camera and Housing: Provide high resolution, day/night color cameras with motorized lenses mounted inside environmental security dome housings with heavy-duty pan/tilt drivers on fixed mounts. Contractor to provide all necessary equipment, including, but not limited to all necessary sun-shields, heaters, blowers and weatherproof accessories for a complete installation.
5. Environmental Fixed Security Housings (Pole or Wall Mounted for Outdoor Applications): All necessary equipment, including metal poles, to mount cameras, to be provided by Contractor.

6. Housings shall have a sun shield to minimize internal temperature effects of direct sunlight. Housings shall have a blower with thermostat control. The thermostat shall turn on the blower when internal temperature exceeds 90 degrees F. Mounts shall be of lightweight aluminum welded construction and shall have a corrosion-resistant finish. Column mounts or wall mounts shall be provided with adjustable head mounts. Color shall be as directed by the County.
7. Enclosures shall be constructed of light-weight aluminum with a white vinyl textured baked enamel finish. Enclosures shall have a 1/4" thick lexan viewing window. A rain shield shall be furnished to keep rain off the window surface. Enclosures shall be provided with all required mounting hardware. An internal heater shall be provided to prevent condensation. Internal blowers and heaters shall operate from 24 volt DC power.
8. Video Multiplexer/Switcher and Monitor: Provide multiple screen displays for multiple camera views on 17" color LCD flat panel monitors. Full screen display will be provided for a manually selected camera and pre-programmed event call-ups. Add camera titles (locations, time, date, etc.) to the video pictures.
 - a. Provide and install three (3) monitors. Locations: Honor Farm Office, Honor Farm Sergeant's Office, and Kitchen Office.
 - b. PTZ control in Honor Farm Office with view capability in Sergeant's Office and Kitchen Office
9. Programmable Keyboard Controller: Provide a keyboard controller to program the system, select cameras, and perform all pan/tilt/zoom functions.
10. Coordinate and obtain all facility programming requirements including, but not limited to, final adjustments to monitor configuration, camera titles, and camera sequences.

HONOR FARM CAMERA LOCATIONS		
Number of Cameras	Location Description/View	Record
1	Gas Pumps (exterior)- PTZ	yes
2	Lower Farm, Laundry area, Bike Barn (exterior)	no
1	Laundry room (interior)	yes
2	Dorm 1 (interior)	yes
2	Dorm 2 (interior)	yes
1	Outside Yard area, across from Dorm 1 & 2- PTZ	no
1	Weekender Barracks/ Yard/ Horseshoe Pit (exterior)	yes
2	APS Lobby (interior)	yes
1	APS Crossmatch Room (interior)	yes
13	Total	

KITCHEN CAMERA LOCATIONS		
Number of Cameras	Location Description/View	Record
7	Kitchen (interior)	yes
2	Kitchen Receiving/Loading area (covered exterior)	yes
1	Kitchen Loading area (exterior) - PTZ	yes
10	Total	

1.4 SUBMITTALS

- A. Coordinate and review with the County the desired cameras, camera field of views, and camera housing types at all locations. Submit this information in drawings for approval prior to installation.

- B. Coordinate, select, and obtain approval of proper lens size or focal setting, using multiple lenses or variable lens at each camera location to provide the required video coverage needed. Record and submit the selected camera lens size for each camera. If the desired view or coverage is unobtainable due to physical obstructions, adjust the camera location at no additional cost to the County. Submit related documents, drawings and specifications.
- C. Coordinate and obtain all facility programming requirements including, but not limited to, frames per minute, motion activated recording capabilities, final adjustments to monitor configuration, camera titles, and camera sequences. Submit camera sequence matrix for County's review and acceptance prior to field connection and programming.
- D. Contractor will be required to furnish a sample for examination, video and audio quality and demonstrate the ease of use of equipment. Emphasis will be placed on the system's ability to maintain consistent recording and audio quality.

1.5 IMPLEMENTATION

Contractor shall provide detailed project/implementation plan describing the methodology to complete the services and installation in a timely, orderly, and least disruptive manner.

1.6 DOCUMENTATION

Contractor shall supply copies of documentation for training, operation, and system manuals

1.7 TRAINING

Contractor to provide complete orientation and training of key personnel on all systems installed. Contractor shall provide a detailed scope of training, including training schedule, length of training, various times training can be provided and number of personnel that can attend a training. Training should occur no later than seven (7) days from the "go-live" date, at no cost to the County.

1.8 CONTRACTOR SECURITY CLEARANCE

The County will require a security clearance on contractor employees who have need to access inside of the County Jail. The clearances will be completed by Sheriff's staff at no charge to the contractor. Contractor employees who fail the security clearance will not be permitted inside the County Jail.

1.9 MAINTENANCE

Contractor will include a detailed description of system maintenance and software upgrades. Yearly maintenance costs will be noted. If Contractor does not service the system, Contractor will supply a list of vendors that provide maintenance on proposed equipment and software.

2.0 WARRANTY

Contractor shall provide a minimum of a complete 1 (one) year parts and labor warranty on all equipment and installation.

2.1 QUALITY ASSURANCE

Comply with all applicable State and Federal requirements.