



TERMS OF AGREEMENT

BASIC SERVICES

Professional Systems Engineering, LLC, herein referred to as PSE, located at Pennbrook Business Center, 1010 Church Road, Lansdale, PA, shall perform consulting services as outlined in PSE's submitted proposal and paragraph 7.1 of Client's RFP 64-18 (the "Services") for the undersigned (hereinafter referred to as "Client").

PROJECT PHASING

One or more phases of Services are included in the proposal(s). Only the Scope of Services so noted in the adopted proposal(s) shall be included in the professional services fee. As specific deadlines develop, each applicable design phase shall be reviewed in a timely manner to avoid delays.

INVOICING

Invoices are prepared on a monthly or bi-monthly basis and are payable within 30 days of receiving an invoice. No payments shall be withheld other than pursuant to a timely objection with respect to task development.

THIRD PARTY PAYMENTS AND STOPPING OF WORK

PSE will not take responsibility for failure to collect from third party billing procedures. Invoices are due as identified in paragraph INVOICING. We maintain the right to stop work and to withhold documents without liability for actual, special, consequential or other damages if payment in full is not received as stipulated.

TIME AND MATERIALS AUTHORIZATION - EXTRA SERVICES

If authorized to provide Services within a time and materials constraint, Client agrees that a specific scope of work for an identified fee has not been determined and that the scope of work and the fee will both be subject to change dependent on progress and dynamics of the project.

TIME AND MATERIALS HOURLY RATES

Time and Materials hourly rates charged for technical personnel directly involved in the project shall be as shown within our attached proposal and below through 2019:

Table with 2 columns: Personnel Role and Hourly Rate. Includes Technical personnel (\$85.00), Project Assistant (\$95.00), CADD/Designer (\$115.00), Design Engineer (\$130.00), Project Engineer (\$140.00), Project Manager/Sr. Staff (\$165.00), and Chief Engineer/QC Manager (\$185.00).

TAXES

Fees and related charges provided in the proposal(s) are exclusive of any federal, state, local or municipal sales, use or excise taxes on the Services or equipment delivered thereunder, which, if applicable, will be reflected on the invoice separately.

REIMBURSABLE EXPENSES

Direct reimbursable expenses such as reproduction charges, postage and shipping, travel-related expenses, etc. used directly in the completion of the project, will be billed at cost.

If increased professional liability insurance limits are required above those that are normally carried by PSE, the surcharge will be invoiced as an additional reimbursable expense.

TERMINATION

Services may be terminated by either party seven (7) days after written notice. All fees and expenses shall be due up to the date of termination.

DOCUMENTS

Documentation such as reports, drawings, specifications and CADD outputs such as floppy disks, files, hard copy and software mediums and information shall be Instruments of Services and remain the sole and exclusive property of PSE. Client shall have a limited, non-exclusive license to use copies solely for the project and shall not duplicate, transfer, exploit or let to another for other projects.

CADD FILES

CADD files of any form (AUTOCAD, VERSACAD, DXF, etc.) shall not be used for any other project unless specifically arranged in writing prior to their use. Any files used are not in and of themselves useful in providing more information or accuracy than for the specific purpose for which they were created by Professional Systems Engineering, LLC.

INSURANCE

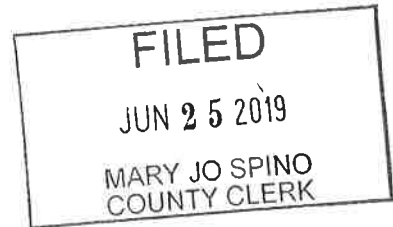
A licensed outside firm will be hired as authorized by contract. PSE maintains insurance for professional liability, comprehensive, workmen's compensation and miscellaneous coverage - and will provide certificates upon request. PSE maintains no professional liability insurance for asbestos-related work and shall not be held responsible for identifying, repairing or removing such materials.

LIMITATION OF LIABILITY

Notwithstanding anything herein or in the proposal(s) to the contrary, PSE shall not be liable to Client or Owner for incidental, special, exemplary, punitive or consequential damages, including but not limited to, loss of profits or revenue, or Client or Owner's inability to use real or personal property.

PROJECT MANAGEMENT SERVICES

Project management services are included only in association with a substantially and specifically defined project as identified in an attached proposal. Project management services are related only to specific schematic design/study, design development, construction documentation and bidding negotiating phases as identified under PROJECT PHASING.



ENHANCED CONSTRUCTION SERVICES

Construction management, commissioning, or testing services are not included unless substantially and specifically defined within. All consultant expenses, materials, contractor services and fees will be charged on a cost-plus basis as identified within this fee proposal or as understood by accompanying legal document. PSE will be declared and understood to be an agent of the Client or Owner, as the case may be and act in the Client's or Owner's, good faith, as the case may be. PSE shall assume the same posture and legal stature as the Client's or Owner's, agent, as the case may be, by contracting services and products on the Client's Or Owner's behalf, as the case may be, with full remuneration and reimbursement due in accordance with paragraph INVOICING.

INDEMNITY

Indemnity shall be governed by para 10.5.1 of Client's RFP 64-18: Indemnifications: Contractor/Respondent agrees, to the fullest extent permitted by law, to indemnify and hold the County harmless from damages and losses arising from the negligent acts, errors or omissions of the Contractor/Respondent in the performance of the work under this Contract/Agreement, to the extent that Contractor/Respondent is responsible for such damages and losses on a comparative basis of fault and responsibility between Contractor/Respondent and the County. The Contractor/Respondent is not obligated to indemnify the County for the County's own negligence.

STANDARD OF SERVICES

Services shall be conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the same profession currently practicing in the same locality under similar conditions. If it is determined that any of its Services fail to conform to the above standard of practice, PSE will, at its own expense, perform corrective Services of the type originally performed as may be reasonably required to correct such defects of which PSE is notified in writing within six months of the substantial completion. No other representation, express or implied, and no warranty or guarantee is included or intended herein or in any proposal, report, opinion, document or otherwise PSE shall not be responsible for replacement, furnishing, operation, manufacturer defects, manufacturer claims, performance, manufacturer specifications, damage or warranty of any products or equipment.

DISPUTES

If any dispute arises out of or relating to Services or these Terms of Agreement and if such dispute cannot be settled through direct good faith negotiations, the parties hereto agree first to endeavor to settle the matter in an amicable manner through non-binding mediation before recourse to a judicial forum. No written or oral representation made during the course of any non-binding mediation shall be deemed a party admission or omission.

INDEPENDENT CONTRACTOR

PSE is and shall perform its Services under this Agreement as an independent contractor and not as the Client's or Owner's agent, partner, or joint venture. PSE is employed to render professional Services only, and any payments made by Client are compensation solely for Services rendered. PSE's review or supervision of work prepared or performed by other individuals or other firms employed by Client or Owner shall not relieve those individuals or firms of complete responsibility for the adequacy of their work or employment benefits or taxes related thereto

CHOICE OF LAW

This Agreement will be construed, enforced and interpreted in accordance with the laws of the State of Missouri(excluding only the choice of law provisions therein) and the parties hereby irrevocably submit to the jurisdiction and venue of the appropriate courts Jackson County, Missouri, in any action or proceeding arising out of, or relating to, Services or these Terms of Agreement.

ENTIRE AGREEMENT

This Agreement along with PSE's proposal and the Client's RFP 64-18, referenced above, contain the entire agreement and understanding between the parties hereto with respect to Services and shall not be varied in its terms by previous communications, negotiations, and agreements, whether oral or written, between the parties with respect to such subject matter, and no addition to or modification or waiver of any provision shall be binding on either party unless made in writing and executed by PSE and a duly authorized agent of Client. If any portion of these Terms of Agreement is held invalid or unenforceable, any remaining portion shall continue in full force and effect. In the event of a conflict among the provisions of the documents constituting the entire agreement, the provision of the document listed first in the following order shall prevail: 1.this Agreement; 2. PSE's Proposal; and 3; Client's RFP 64-18."

I (we) Jackson County, Missouri

hereby accept all terms and conditions as herein listed and identified in the accompanying proposal dated _____ and concerning

Consulting at detention center

Signed [Signature]
Officer of Corporation

Printed Name Bob Crutsinger

Title Director of Finance

Date 6-25-2019

APPROVED AS TO FORM

[Signature]
County Counselor

ATTEST:

[Signature]
Clerk of the County Legislature



REQUEST FOR PROPOSAL 64-18

RFP NAME: Access Control Consulting Services

DEPARTMENT NAME: Corrections

No	Respondent	Ability to Provide Services in Section 7.0				20 Points	25 Points	20 Points	Total Score
		Responsiveness to RFP	Experience, Qualifications, and References	Staff to be Assigned to Contract	Pricing				
1	Professional Systems Engineering	4	25	15	20	15	79		

COMMENTS:

Seth Helmyth
DATA

Instructions:

Assign score according to point value (1 is lowest) for each criterion for each vendor.



REQUEST FOR PROPOSAL 64-18
RFP NAME: Access Control Consulting Services
DEPARTMENT NAME: Corrections

No	Respondent	Responsiveness to RFP		Ability to Provide Services in Section 7.0		Staff to be Assigned to Contract		Experience, Qualifications, and References		Pricing	Total Score
		5 Points	30 Points	20 Points	25 Points	20 Points	20 Points				
1	Professional Systems Engineering	4	25	15	25	15	15			15	84

COMMENTS:

Brian Johnson

Instructions:

Assign score according to point value (1 is lowest) for each criterion for each vendor.



October 30, 2018

Katie Bartle
Office of the Jackson County Purchasing Department
Room G-1, Ground Floor,
Jackson County Courthouse,
415 East 12th Street, Kansas City, Missouri 64106

Re: RFP NO. 64-18 Jackson County Security Consulting Services for the Department of Corrections

Dear Ms. Bartle and Members of the Selection Committee:

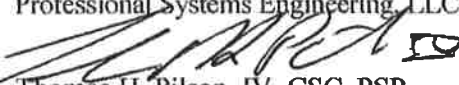
PSE is honored to have the opportunity to present our response to RFP 64-18 Security Consulting Services for the Department of Corrections. We are in a unique position to offer our response as an independent technology security consultancy and engineering firm with over three decades of experience in corrections security assessment, programming, design, and implementation. We have served hundreds of facilities in that time, including county and state governments in Kansas, Ohio, Pennsylvania, Georgia, Maryland, Missouri, Colorado, Texas, New Hampshire, Delaware, Virginia, and New York, among many others.

Because of PSE's significant jail upgrade experience, we are serious about being engaged by the County for the successful implementation of this project. What our involvement represents to the County is an opportunity to have an experienced and independent team of partners helping to collaborate decisions regarding what recommendations are required, upgrades to prioritize, what technologies to choose, and how to implement it all in order to maximize the current or future system's effectiveness.

Our team comprises 19 full-time personnel who work on justice and corrections, including network certified design staff with certification in Cisco as a CCNP and CCDP, and subject matter experts on corrections controls and electronic technologies. Our highly qualified and experienced team of detention security/control/hardware, communications, and safety specialists has undertaken project renovations and new construction for electronic security, including dozens of touchscreen stations, PLC control systems, video surveillance systems, intercom and paging systems, and even electrical, mechanical, and architectural renovations.

PSE has worked nationwide throughout our inception. We are available consistently through phone, video conferencing, traveling to the site, and emails. Distance to the site is not a factor in our line of work as our experience with detention systems of all types and years of experience in every type of facility allow us the ability to communicate, discern, and effectively work to resolve issues with Detention Center staff and understand immediate needs. For trips to the site, PSE is a three (3) hour flight away. We have served clients in Kansas City in the past along with California, Texas, and areas at a great distance with no adverse effect to our capabilities.

We look forward to the opportunity to partner with the County as your representative, to help ensure the successful planning and implementation of your project to ensure the ultimate safety and security of the facility.

Very truly yours,
Professional Systems Engineering, LLC

Thomas H. Pilson, IV, CSC, PSP
Partner | Vice President
1010 Church Road
Lansdale, PA 19446
215-661-1600 x104
thp@profsyseng.com



**SAFETY, SECURITY AND COMMUNICATIONS
EXPERIENCE AT JAILS / CORRECTIONS / DETENTION
FACILITIES IN THE U.S.**

	Type of Construction			Type of Systems						
	Renovation	New Construction	Addition	Security / Safety Electronics & Locking	Video Surveillance	Intercom / Phone	Perimeter Security	Lighting Control/ Security Lighting	Network Infrastructure	Fire / Life Safety
Jails / Corrections / Detention Facilities										
Auburn Correctional Facility, NY	■				■					
Bayside State Prison, NJ	■			■						
Bergen County Jail and Annex, NJ	■			■	■	■		■	■	
Berks County Jail, PA	■			■	■	■	■		■	
Bland Correctional Center, VA	■			■	■		■			
Bristol County House of Correction and Jail, MA	■			■	■	■				
Bristol County Women's Center, MA	■			■	■	■				
Brooklyn Detention Complex (BKDC), NY	■		■	■	■	■				
C. Carlos Carreiro Immigration Det. Center, MA	■			■	■	■				
Cape May Correctional Facility, NJ		■		■	■	■	■	■	■	
Charles County Detention Center, MD	■		■	■			■			■
Chatham County Detention Center, GA	■		■	■	■	■	■		■	
Clinton Correctional Facilities, NY	■				■				■	
Collins Correctional Facility, NY	■			■	■	■	■			
Curran-Fromhold Correctional Facility (CFCF), PA					■				■	
Dutchess County Jail, NY	■		■	■	■	■	■		■	
Eaton County Jail, MI	■			■	■	■		■		
Essex County Correctional Facility, NJ		■		■	■	■	■	■	■	
Fort Peck Detention Center, MT		■		■	■	■	■		■	
George W. Hill Correctional Facility, PA	■			■	■					
Great Meadow Correctional Facility, NY	■		■		■					
Holmesburg Prison, PA	■			■						■
Howard County Detention Center, MD				■	■	■	■		■	
James River Correctional Center, VA	■			■						■
James T. Vaughn Correctional Center, DE (JTVCC)		■		■	■	■				
Jessup Correctional Institution, MD			■	■	■	■	■			



**SAFETY, SECURITY AND COMMUNICATIONS
EXPERIENCE AT JAILS / CORRECTIONS / DETENTION
FACILITIES IN THE U.S.**

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	Renovation	New Construction	Addition	Security / Safety Electronics & Locking	Video Surveillance	Intercom / Phone	Perimeter Security	Lighting Control/ Security Lighting	Network Infrastructure	Fire / Life Safety
Jails / Corrections / Detention (continued)										
Lexington-Fayette County Detention Center, KY		■		■	■				■	
Manhattan Detention Complex (MDC), NY	■				■					
Maryland Correctional Training Center (MCTC), MD	■		■	■	■	■	■		■	
Maryland House of Correction, MD			■	■	■					
Monmouth County Detention Center, NJ	■			■	■	■	■		■	
Montana State Prison, MT	■						■			
Montgomery County Criminal Justice Center, MD		■		■	■	■	■			
Montgomery County Jail, OH	■			■	■	■		■		
Muscogee County Jail, GA	■		■	■	■	■			■	■
Merrimack County Jail, NH		■		■	■				■	
Middlesex Jail and House of Correction, MA	■		■	■	■	■	■			
New Jersey State Prison, NJ	■			■						
Niagara Falls Municipal Complex and Jail, NY		■		■	■	■			■	
North Branch Correctional Institution (NBCI), MD		■		■	■	■	■	■	■	
Northern State Prison, NJ	■				■					
Ocean County Jail and Justice Complex, NJ			■	■	■	■		■	■	
Orange County Jail/Theo Lacy Jail, CA	■			■	■					
Patuxent Institution, MD	■			■	■	■	■			
Philadelphia Detention Center, PA	■			■	■	■	■			
Philadelphia House of Correction, PA	■			■		■				
Philadelphia Industrial Corrections Center, PA	■			■	■	■		■	■	
Plaquemines Parish Detention Center, LA		■		■	■	■	■		■	■
Powhatan Correctional Center, VA	■			■						■
Rikers Island – 1537 Bed New Facility, NY		■		■	■	■	■			
Rikers Island – Central Intake, NY	■			■	■	■	■		■	■
Rikers Island – Donald Cranston Judicial Facility (DCJC), NY	■				■		■			



**SAFETY, SECURITY AND COMMUNICATIONS
EXPERIENCE AT JAILS / CORRECTIONS / DETENTION
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<i>Jails / Corrections / Detention (continued)</i>										
Rikers Island – Eric M. Taylor Center (EMTC), NY	■				■					
Rikers Island – George Motchan Detention Center (GMDC), NY	■			■	■	■		■	■	
Rikers Island – North Infirmery Command (NIC), NY	■			■	■					■
Rikers Island – Otis Bantum Correctional Center (OBCC), NY	■				■					
Rikers Island – Rose M. Singer Center (RMSC), NY	■				■					
Rikers Island – West Perimeter, NY	■			■			■			
Riverfront State Prison, NJ	■			■	■	■				
San Francisco Jail #3, CA		■		■	■	■		■		
SCI Chester, PA	■				■		■			
SCI Forest, PA	■						■			
SCI Frackville, PA	■				■		■			
SCI Mercer, PA	■				■		■			
SCI Phoenix, PA		■		■	■	■	■	■	■	■
SCI Retreat, PA	■						■			
Sedgwick County Adult Detention Center, KS	■			■	■	■				■
Sing Sing Correctional Facility, NY	■						■			
Southern State Correctional Facility, NJ	■			■	■					
St. Mary's Detention Center, MD	■		■	■	■	■		■	■	■
Summit County Jail, OH	■					■				■
Travis County Correctional Complex, TX	■			■	■	■		■		
Travis County Jail, TX	■			■		■				■
Trumbull County Adult Justice Center, OH	■			■	■	■		■		
Van Cise-Simonet Detention Center, CO		■		■		■		■		
Vernon C. Bain Center (VCBC), NY	■				■					
Virginia Beach Jail, VA	■	■		■	■	■			■	■
Western Correctional Institution (WCI), MD		■		■	■	■	■	■	■	■



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EXPERIENCE AT JAILS / CORRECTIONS / DETENTION
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	Renovation	New Construction	Addition	Security / Safety Electronics & Locking	Video Surveillance	Intercom / Phone	Perimeter Security	Lighting Control/ Security Lighting	Network Infrastructure	Fire / Life Safety
Jails / Corrections / Detention (continued)										
Wake County Detention Center, NC		■		■		■				
Winchester Regional Adult Detention Center, VA	■			■	■	■				
Youth / Juvenile Facilities										
Alameda Juvenile Detention Center, CA		■		■	■	■				
Bergen County Juvenile Complex, NJ		■		■	■	■		■	■	
Bridgeport Juvenile Detention Center, CT		■		■	■					
Cheltenham Youth Facility, MD		■		■	■	■	■			
Connecticut Juvenile Training School, CT	■		■	■	■	■			■	
Crossroads Juvenile Detention Center, NY	■			■	■	■	■			
Delaware County Juvenile Detention Center, PA	■			■	■	■	■	■	■	■
Essex County Youth House, NJ		■		■	■				■	
Garden State Youth Correctional Facility, NJ	■			■						■
Hardin County Juvenile Detention Center, KY		■		■	■	■		■		
Hartford Juvenile Detention Center, CT		■		■	■	■			■	
Horizon Juvenile Detention Center, NY	■			■	■	■	■			
Jackson County Juvenile Justice Center, MO	■			■	■	■			■	
Marriottsville Female Detention Center, MD		■		■	■	■	■			
Mercer County Youth Detention Center, NJ	■			■	■	■				
New Jersey Training School (NJTS), NJ	■			■	■	■	■			■
Rhode Island Training School, RI		■		■	■	■	■		■	
South Mountain Restoration Center, PA	■		■		■					
Union County Juvenile Detention Center, NJ		■		■	■	■				



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Secure Medical Facilities										
Bergen County Regional Medical Center, D-1 Unit, NJ	■			■	■	■			■	
Clifton T. Perkins Hospital Center, MD	■		■	■	■	■	■	■	■	
DC Dept. of Mental Health –CPEP, DC	■			■	■	■				
Patuxent Institution, MD			■	■	■					
Saint Elizabeths Hospital (New), DC		■		■	■	■	■	■	■	■
Saint Elizabeths Hospital RMB Wing, DC			■	■		■				
West Chester Medical Center – Ward 29, NY	■			■	■	■				
Wishard Hospital, IN	■			■						

SCOPE OF SERVICES

Introduction

This Scope of Services allows us to identify a response to the needed tasks, and to demonstrate relative experience and approaches. PSE has extensive experience working in detention environments. We prioritize, throughout the project lifecycle, the safety and security of corrections officers, support staff, contractors, and inmates. Our practice is to carefully coordinate with the Detention Center to ensure proper communication and phasing that significantly limits unplanned system downtime. PSE considers the safety and security of the Detention Center as a whole it's utmost priority during this project.

PSE utilizes its complete staff on every project to provide our differing experiences in Detention to develop the most sustainable recommendations and design. This allows for multiple people within our company to have intimate knowledge and allows us to respond more readily whenever needed. It is important for PSE to ensure all of our staff are familiar with each project through weekly meetings and daily discussions to allow a continuity of response to any needs presented. Representing PSE directly as the Project Manager will be Thomas Pilson who will be the primary contact person and resource for the Detention Center. Thomas Pilson will utilize our team as needed and listed within the Personnel Qualifications section of this proposal to ensure the best results for the Department of Corrections in all aspects of the project. Our goal is to provide experienced people that are able to realize the complete needs of the project in an efficient and professional manner.

Section One – Immediate Need and in case of New Build:

The most important aspect prior to recommendations is the survey/assessment/interviews. Our team will take a detailed set of system requirement views of the entire facility, documenting all needs and expectations for the immediate need of the facility and the potential to remodel or repair the existing electronic PLC control system. Our team is familiar with both making recommendations for simple repairs and upgrades as well as potentially having to reuse existing wiring infrastructure/cabling and marrying to newly integrated systems based on PLC controls and GUI touchscreens.

Our assessment will include in-depth interviews converging Department of Corrections expectations and technology realities, along with the County/Owner management team to assure compliance with available funds and the delivery expectations for any project needs.

After analysis and interviews, the team will prepare a recommendations report which gives clear narratives as to the direction, cuts (specification cut sheets) of possible systems, and possible priorities for repairs, upgrades, or remodeling the system. A schedule will be developed with the Department of Corrections to keep all participants active within the project and to meet critical deadlines, while a preliminary level opinion of probable cost estimate will be provided for the Department of Corrections to manipulate as needed giving them the ability to choose priorities and needs based upon the recommendations.

Our team will also work with the Department of Corrections to aide in recommendations for maintaining the existing Access Control System, Camera System, and Related Components. This shall be done in our recommendations report as well as on an as-needed basis if issues arise with normal electronic security operations. PSE shall provide support as authorized by the Project in terms of needing to be on-site, phone calls, emails, video conferencing, etc., in order to address ongoing concerns and issues as described in Section 7.1 of the RFP.

In the event a new system is required at the facility, PSE provides the most detailed integration and design documentation for correctional facilities in the U.S. Our drawings and specifications bear “litmus test proof” of their rigid and documentable sustainability and constructability for real projects. This is why PSE has never had an Errors and Omissions claim by any client in its 30+ year history. As part of the requirements of Section One, our team will provide recommendations and support on an hourly basis for the transitioning of the current PLC based electronic Security System to a new PLC based electronic Security System ensuring proper phasing to avoid unnecessary downtimes during upgrades and maintaining the safety and security of the Detention Center.

Section Two – Remodel and Repair of Existing System:

While discussed briefly in Section One, Section two requires engineering, design, and construction administration services related to repairing, remodeling, or replacing the existing PLC access control systems and camera systems as described within the RFP. It is noted that the Detention Center is planning an upgrade of the existing camera systems, however, we shall still review this for proper function, integration capabilities, needs for upgrades, expansion, and adjustments as part of this project in coordination with the Department of Corrections.

If the existing systems require repair, remodel, or replacement the following outlines our design and engineering anticipations of such a project. It is understood, in Addendum 1 of the RFP, that these services are not to be awarded until after Section One is complete and there is a proper determination of direction required for the Detention Center. While we cannot identify the exact needs until a proper assessment is performed, we have outlined below our typical design and engineering scope for this type of work. While outlined below, PSE shall follow the requirements as stated in the RFP for our services to ensure the requirements of the Detention Center are met.

PLC Door Control

- Door Control/Monitoring of security doors, gates, and other required physical features. The design will include programmable logic control (PLC), monitoring and necessary intercommunication for complete detention control, internal corridor control, recreation and support services areas, public spaces, gates, and more secure locations. Included will be secure sallyport, secure holding areas, central control and local control areas. Existing lighting utility control in areas identified by the facility. Existing utility control will be integrated into the new system being provided. Detention hardware evaluation and specification are included.
- Cell Room Control/Monitoring including detention equipment interconnect and monitoring. Included will be programmable logic control and interface for complete positive door and locking mechanism control and integral monitoring status through hardware and wiring. Emergency or gang release will be provided.

- PLC System shall integrate all security subsystems for control, monitoring, and alarm as required and coordinated with the Detention Center.
- Multiple redundancy and computer backup of servers shall be provided where required. The use of redundant server grade computers for workstations is recommended.
- Central Control and local control stations are included and shall be updated to Touch Screen Control systems with new consoles for monitoring and video surveillance. At current there is local graphic panels for direct cell control of Housing Unit areas. It is our understanding at this time that Central Control does not have direct control over any of the cells, this will be addressed in our recommendations. It is also noted that local control stations that previously existing in each housing area have been removed and all control and monitoring is currently taking place in Central Control. Proper recommendations for upgrades shall be provided to address these areas.
- Touchscreen Graphics will be documented and specified to match facility layout for proper control and monitoring. Systems shall include maintenance functions for troubleshooting and diagnosing issues. User level authentication shall be provided to ensure each user is cataloged and proper rights and privileges are available.
- Intercom communications will be a direct function of the intercom and paging system and provide for simultaneous simplex open talk channels between stations, master control, staff locations, and other necessary support areas. Direct integration to the PLC shall occur.
- Elevator controls and monitoring will be integrated into the new system or upgraded systems as required by the Detention Center.

Video Surveillance

- Video Surveillance camera monitoring will be provided for areas identified as requiring additional coverage. New cameras shall be provided to replace malfunctioning existing cameras and cameras deemed to have reached the reasonable end of service life. Properly functioning existing cameras will be incorporated into the video management system. It is undetermined at this time if a new video management system is required due to planned upgrades.
- Integration of the new or existing PLC with the existing video surveillance components and new video management system is included to provide proper alarm integration with video call-up. This shall include duress alarm call-up, intercom call call-up, door alarm call-up, and other miscellaneous call-ups required by integration between the multiple sub-systems to the PLC.
- A new Video Management System (VMS) servers and workstations shall be provided to allow full digital control of the existing and new video surveillance cameras if required.
- New video recording equipment shall be provided with sufficient storage capabilities to meet the Detention Center's needs if required.

Security Intercom

- Complete security intercom system will be provided to replace the existing within the Jail if required. New security intercoms provided will be Security grade flush wall/console mounted

to allow “video-follow-audio” queuing for secure movement throughout the facility. Existing Security intercom substations may be reused. In the event replacement is required, PSE shall identify with Jackson County to include in design documents. It is noted that the existing security intercom system is at end of life and replacement components from the manufacture are very scarce.

- Intercom system processors and instruments for complete administrative, staff, and local zone control centers are provided. Control Center communication and remote station communication is included. intercom systems will be provided for resident monitoring, staff communication, page, seek, and related activity control functions.

Paging

- General Page functions through intercom stations will be provided as well as general paging/zone paging in corridors and selected spaces utilizing new security grade speakers and horns where required.

Central Control and Local Control Consoles

- New ergonomically designed consoles shall be documented for the Central Control if required. Local Control will be included to enable staff to perform their required functions efficiently and effectively. PSE will coordinate control and layout requirements and operational needs with the Department of Corrections.

Wired Duress

- The existing wired duress system will be integrated into the new system. The existing duress buttons will be monitored by the PLC, and alarm will be displayed and acknowledged by the Touchscreen (TSC) Graphical User Interface (GUI) screens. Local duress lights may be considered for use above areas and doors to aid responders in assisting and identifying duress locations. The addition of duress buttons in selected areas, as well as replacement of existing buttons will be addressed if required.

Infrastructure

- Comprehensive cataloging of the existing control systems wiring and conditions are required to ensure proper function of existing and newly installed devices in the field. PSE shall provide necessary documentation for construction to ensure complete functioning system either through existing wiring or new wiring as required.

UPS and Power Distribution

- PSE shall provide design services as they relate to the UPS and power distribution requirements to operate new and/or existing pieces of the Security System as a whole. This shall include coordination with the County for required modifications to power supply equipment layouts and infrastructure as required to provide proper Uninterruptable Power Supplies to security related equipment.



JCDC
Jackson County, MO

Memo

To: Katie Bartle
From: Diana Turner, Director of Corrections
CC: Deloris Wells, Seth Helmuth
Date: 04/18/2019
Re: Recommendation Memo RE: Access Control Consulting Services

Recommendation Memo RE: Access Control Consulting Services for Jackson County Dept. of Corrections

Bid No. 64-18 "Access Control Consulting Services," was sent out seeking qualified vendors to consult on and manage the ongoing maintenance and eventual upgrade of access control system at JCDC. The results in awarding this bid will be the enhanced ongoing maintenance and updates to the access control system that provides safety and security of the facility and the inmates, associates and civilian partners who work in and around the facility.

A review of submissions was performed by JCDC associates.

After a review of the bid submissions, we recommend that the County award the bid to Professional Systems Engineering, LLC (PSE). PSE, being the only respondent to the RFP, represents the lowest and best bid.

Initially the consultant will provide ongoing maintenance consulting should JCDC need those services for emergency or new upgrade projects to be determined in the future using their pricing matrix indicated in the RFP Response not to exceed \$25,000. JCDC will use budget line 001-2701-56790



Diana Turner
Director, Department of Corrections

REVENUE CERTIFICATE

There is a balance otherwise unencumbered to the credit of the appropriation to which this contract is chargeable and there is a cash balance otherwise unencumbered in the treasury to the credit of the fund from which payment is to be made, each sufficient to meet the obligation of \$25,000.00 which is hereby authorized.

Date

6-24-2019



Director of Finance and Purchasing
Account No. 001-2701-56790

27012019002 MR