CONTRACT FOR JAIL SECURITY SYSTEM REPLACEMENT
LEXINGTON FAYETTE URBAN COUNTY GOVERNMENT
LEXINGTON, KENTUCKY

THIS CONTRACT is made this between **LEXINGTON FAYETTE URBAN COUNTY GOVERNMENT (LFUCG) (County)** and **UNIQUE SECURITY, INC. (USI)**, an Alabama corporation ("**Contractor**").

In consideration of mutual covenants, the parties agree as follows:

1. Scope of the Contract: The Contractor shall provide the services, equipment, hardware, software, conduit and wiring for the Security System at the Community Corrections Facility (the "**Project**") for Lexington Fayette Urban County Government, located at 600 Old Frankfort Circle, Lexington, KY 40510, and as further defined in the Request for Proposal (RFP #20-2017)/USI RFP Response attached hereto as Exhibit A. The LFUCG may at its sole discretion extended service support options, years 2 through 7, at a later date as identified in the RFP response.

2. Payment Terms/ Payment Schedule: The LFUCG shall pay a total of **$3,422,840.00** for the services rendered and for the accepted hardware, wiring, equipment and goods (collectively, the "Goods") on the terms and payment schedule as set forth on Exhibit B.

3. Vehicles and Equipment: The Contractor will furnish all vehicles, equipment, tools, and materials used to provide the services required by this Contract.

4. Work Access and Security:
   (a) The LFUCG shall provide controlled access into all areas affected by the scope of work defined in this Contract. The LFUCG will provide the Contractor with security escort while Contractor is working in the facility.
   (b) The LFUCG shall provide the Contractor with secure storage space inside the facility to store tools and materials. The LFUCG does not make any assurances or warranties regarding any items stored on its properties by the Contractor, and the LFUCG shall not be liable for any loss or damage to stored items, however caused.
   (c) The Contractor agrees to keep the site orderly and reasonably free of debris. All equipment, materials (except as mentioned above), rubbish and similar material incidental to the project shall be removed or stored by the Contractor on a daily basis.

5. Contract Term: This Contract shall be effective on full execution of the Contract by both parties and shall continue until the date the Contractor completes the services required by this Contract, unless terminated earlier as provided by this Contract or by law.

6. Contract Termination:
   (a) The LFUCG reserves the right to terminate this Contract for any reason upon giving the Contractor thirty (30) days written notice
   (b) In the event that the Contractor breaches any term or condition of this Contract or any other event occurs which demonstrates a reasonable likelihood that the Contractor is unable or unwilling to fulfill its obligations under the Contract, the LFUCG shall give the contractor thirty (30) day written notice of their intent to terminate the contract and may at their discretion, allow the Contractor an opportunity to cure, and as to the time allowed for any such cure, shall be conclusive, based on consideration of the circumstances of the breach; on the consequences of the breach as to security and other critical aspects of operations,

and, on the time constraints existing at the time of such breach.

(c) Any allowance by the LFUCG of an opportunity for the Contractor to cure a specific breach shall not operate as a waiver by the LFUCG of its right to refuse such an opportunity to cure in the event of any other breach, and shall not establish any course of dealing or performance between the parties.

(d) The LFUCG is not required to terminate this Contract even though the circumstances permit such an action.

(e) The LFUCG may terminate this Contract, in whole or in part, by written notice to the Contractor and may regard the Contractor in default of this Contract if the Contractor becomes:
   (i) insolvent;
   (ii) makes a general assignment for the benefit of creditors;
   (iii) files a voluntary petition of bankruptcy;
   (iv) suffers or permits the appointment of a receiver for its business or assets;
   (v) becomes subject to any proceeding under any bankruptcy or insolvency law, whether domestic or foreign; or
   (vi) has wound up or liquidated, voluntarily or otherwise.

(f) In the event that the written notice of termination pursuant to this section states that termination is for the convenience of the LFUCG, the Contractor shall be entitled to payment for:
   (i) reasonable costs incurred through the date of notice of termination (not the effective date of termination); and
   (ii) charges for deliverables provided to the LFUCG or properly stored by the contractor through the effective date of termination.

(g) In the event of a change of ownership in USI (e.g., 51% or more change), the surviving entity will continue to support the Project for a period of at least three (3) years from the effective date of the change of control, provided LFUCG continues to pay maintenance and support fees when due. Contractor will notify LFUCG of such change of control within sixty (60) days of its effective date.

(h) Upon the termination for any reason or expiration of this Contract, the Contractor promptly must return to LFUCG all papers, materials and other property of LFUCG then in its possession, including but not limited to all work in progress as is appropriate in its then existing form.

(i) .

7. Representations: The Contractor represents and warrants that its personnel are familiar with and have a working knowledge of jail population needs, and that there are no circumstances that will cause a conflict of interest in performing the services and providing the goods required by this Contract.

8. Required Risk Management Provisions: Insurance: The Risk Management Provisions of RFP No. 20-2017 are incorporated herein by reference as if fully stated. Copies of the required Certificates of Insurance shall be provided to LFUCG as required therein.

9. Spoliation: Contractor shall promptly notify LFUCG of all potential claims that arise from or

result from this Contract. Contractor shall also take all reasonable steps to preserve all physical evidence and information that may be relevant to the circumstances surrounding a potential claim, while maintaining public safety, and grants to the LFUCG the opportunity to review and inspect the evidence, including the scene of any accident.

10. Publicity: The LFUCG does not endorse the goods or services of Contractor. Except for listing LFUCG as a customer during the term of this Contract, any news releases or other publicity concerning this Contract must not be made by Contractor without the prior written approval of the LFUCG.

11. Sales Tax: The LFUCG is exempt from sales and use taxes and shall not pay any sales tax under this Contract.

12. No Warranty Disclaimer: The Contractor warrants that its services or Goods or both fit the need or purpose of the RFP. The Contractor shall not disclaim these warranties.

13. Mutual Limitation on Damages Except for Limited Situations: No Party shall be liable to another Party for, nor shall the measure of damages, include, any consequential, incidental, indirect, punitive or special damages arising out of or relating to its acts or omissions arising from this Contract. This limitation of liability shall not apply, however, to liability of the Contractor arising from:
    (a) Personal injury or death;
    (b) effect or deficiency caused by willful misconduct or fraud on the part of the Contractor; or
    (c) Circumstances where the Contract expressly provides the LFUCG a right to damages, indemnification or reimbursement.

14. Installation of Hardware, Wiring, Equipment and Goods: Contractor will be responsible for providing, installing and maintaining all "Goods" necessary under this Contract to fulfill the requirements of this Contract including but not limited to those in Exhibit A during the term of this Contract. Contractor shall remove all existing wire and cable which is to be replaced. Contractor will work to ensure all Goods found defective are replaced under the manufacturer's warranty where possible.

15. Software and Specifications: The Contractor shall provide all software in strict compliance with the descriptions and representations as to the software (including performance, capabilities, accuracy, completeness, characteristics, specifications, configurations, standards, functions and requirements) which appear in the terms of the Contract and Exhibit A. Contractor shall be responsible for providing, installing and maintaining all software and services required under this Contract including but not limited to those listed in Exhibit A.

16. Software Licenses: Contractor shall provide software licenses in compliance with the specifications contained in the terms of the Contract and Exhibit A. To the extent permitted and/or required by the software publishers of any software provided hereunder, Contractor hereby grants an irrevocable, nonexclusive, worldwide, perpetual, fully paid up, royalty-free license and/or sublicense to use, execute, maintain, reproduce, modify, display, and perform copies of Software and accompanying documentation in accordance with the licensing capacity (if any) specified in the RFP and or applicable purchase instrument. The LFUCG may copy the software as necessary to efficiently utilize the Software. Without limiting the generality of the foregoing, such rights shall include copying rights granted to "owners of copies" under federal copyright laws of the United States, plus copying:
    (a) for backup, archive or emergency restart purposes;

(b) for disaster recovery and disaster recovery testing purposes;
(c) to migrate the Software for use on other computers and/or hardware; and
(d) to store the Software at any off premise location which the LFUCG uses for storage purposes.

17. Reseller: If Contractor is acting as a reseller of the software, Contractor must provide the licenses, as required by the software publishers, to the LFUCG and shall coordinate with any negotiations of such licenses as may be conducted between the LFUCG and the software publishers. All licenses provided hereunder shall remain in effect perpetually.

18. Exclusions: Except as expressly permitted by this Contract, the LFUCG agrees that it will not:
    (a) lease, loan, resell, sublicense or otherwise distribute the software to entities or individuals who are not party to this Contract;
    (b) permit third-party access to, or use of, the software, except as permitted in the Contract;
    (c) create derivative works based on the software;
    (d) reverse engineer, disassemble, or decompile the software; or
    (e) remove any identification or notices contained on the software.

19. Notice of Access: The LFUCG will notify Contractor if the LFUCG becomes aware of any unauthorized third-party access to, or use of, the Software.

20. Services and other Deliverables: The Contractor shall provide services and other deliverables in compliance with the specifications contained in the terms of this Contract and Exhibit A. "Services" shall include administration, distribution, installation, configuration, support and training services for the Project and as further described in this Contract and Exhibit A. The Contractor and any employees of Contractor will perform the services on time, in a workmanlike manner, and consistent with the level of care and skill ordinarily exercised by other providers of similar services at the time such services are provided.

21. Shipment and Delivery of Goods: All Goods shall be provided as required by the provisions of this Contract and Exhibit A. All Goods shall be made available either by online download or shall be shipped F.O.B. destination. Destination shall be 600 Old Franfort Circle, Lexington, KY 40510. All items shall be at the Contractor's risk until they have been delivered and accepted by the LFUCG. All items shall be subject to inspection by the LFUCG on delivery. Latent defects and damage will remain the responsibility of the Contractor to remedy without cost to the LFUCG, regardless of when the latent defect or damage is discovered.

22. Condition of Goods: The Contractor represents to LFUCG that, at the time of delivery, the Goods will be new and unused and that LFUCG will acquire good and clear title to the Goods, free and clear of all liens and encumbrances.

23. No Infringement: The Contractor represents to the LFUCG that the LFUCG shall own or otherwise have rights in the software and has the full legal right to license the Software in accordance with this Contract and the software copyrights, and the Contractor has no actual or constructive knowledge that the software infringe or misappropriate any patent, trademark, copyright or any trade secret or proprietary right of any person or entity or any knowledge of any pending lawsuit relating to such infringement or misappropriation.

24. Warranties

    (a) Warranty: Contractor provides a one year warranty on all parts and labor, unless the damage is due to an act of God, neglect and or abuse by the LFUCG or failure to

perform routine and preventive maintenance recommended in writing by Contractor. The warranty shall begin upon completion of the Project or if completed in stages or phases, then warranty shall begin at the time each stage or phase is turned over to the LFUCG for use. Contractor shall assign and pass through to the LFUCG all applicable software publisher and manufacturer warranties, covenants and indemnification provisions. All cameras installed pursuant to this Contract shall have a three year warranty on parts provided by the manufacturer.

(b) Nonconforming Software and Goods: All software and Goods delivered by Contractor to the LFUCG shall be free from any defects in design, material, or workmanship. In the event that any of the software or Goods are found by the Contractor, the LFUCG, other party to the Contract, or court having jurisdiction, to contain a defect, serious quality or performance deficiency, or not to be in compliance with any standard or requirement so as to require or make advisable that such software or Goods be reworked or recalled, Contractor will promptly communicate all relevant facts to the LFUCG and undertake all corrective actions, including those required to meet all obligations imposed by laws, regulations, or orders, and shall file all necessary papers, corrective action programs, and other related documents, provided that nothing contained in this section shall preclude the LFUCG from taking such action as may be required of it under any such law or regulation.

(c) Return and Replacement: The LFUCG shall have the option of returning or replacing the defective software or Goods at Contractor's expense. If Contractor is the software publisher or manufacturer, Contractor shall perform all necessary repairs or modifications at its sole expense provided the LFUCG determines the performance of such repairs and modifications is in the LFUCG best interest.

(d) Payment for the software, services or Goods shall not constitute acceptance. Acceptance by the LFUCG shall not relieve Contractor of its warranty or any other obligation under the Contract.

(e) Title: Contractor represents and warrants that all the concepts, materials, Goods, software and services produced, or provided to the LFUCG pursuant to the terms of the Contract shall be wholly original with Contractor or that Contractor has secured all applicable interests, rights, licenses, permits or other intellectual property rights in such concepts, materials software and services. Contractor represents and warrants that it is the owner of or otherwise has the right to use and distribute the Goods, software and services contemplated by the Contract. Contractor or the original software publisher shall retain all right, title and interest in the software and any accompanying documentation, including all applicable intellectual property rights.

(f) The Contractor represents and warrants that the concepts, materials, Goods, software and services and the LFUCG's use of same and the exercise by the LFUCG of the rights granted by the Contract shall not infringe upon any other work, other than material provided by the Contract to Contractor to be used as a basis for such materials, or violate the rights of publicity or privacy of, or constitute a libel or slander against, any person, firm or corporation and that the concepts, materials, software and services will not infringe upon the copyright, trademark, trade name,

trade dress patent, literary, dramatic, statutory, common law or any other rights of any person, firm or corporation or other entity.

(g) Conformity with Contractual Requirements: The Contractor represents and warrants that the software, licenses, services and Goods provided in accordance with the Contract will appear and operate in conformance with the terms and conditions of the Contract.

(h) In receiving and responding to Defect notices and other support calls, Contractor will follow the priority categorizations below. These categories are assigned based on the LFUCG's determination of the severity of the Defect and Contractor's reasonable analysis. , .

(a) **Priority 1**: *A Defect that renders the Contractor solution inoperative; or causes the Contractor solution to fail catastrophically.*

After initial assessment of the Priority 1 Defect, if required, Contractor shall assign a qualified product technical specialist(s) within one business (1) hour. The technical specialist(s) will then work to diagnose the Defect and to correct the Defect, providing ongoing communication to LFUCG concerning the status of the correction until the *Contractor solution* is operational without Priority 1 defect.

The goal for correcting a Priority 1 Defect is 24 hours or less.

(b) **Priority 2**: *A Defect that substantially degrades the performance of the Contractor solution, but does not prohibit your use of the Contractor solution.*

Contractor shall assign a qualified product technical specialist(s) within two (2) business hours of our receipt of your notice. The product technical specialist will then work to diagnose and correct the Defect. Contractor shall work diligently to make the correction, and shall provide ongoing communication to LFUCG concerning the status of the correction until the *Contractor solution* is operational without Priority 2 Defect.

The goal for correcting a Priority 2 Defect is 48 hours or less.

(c) **Priority 3**: *A Defect which causes only a minor impact on the use of the Contractor solution.*

Contractor shall assign a qualified product technical specialist(s) within two (2) business hours of our receipt of your notice. The goal for correcting a Priority 3 Defect is 5 business days or less.

(d) Should Contractor fail to adhere to the agreed response time criteria (i.e. in the assignment of a qualified product technical specialist) more than twice in a six

month period, the maintenance and support costs for that period will be reduced by 10%. Additional failures during that period will accrue an additional 10% reductions for that period.

25. Authority to Enter into Contract: The Contractor represents and warrants that it has full authority to enter into the Contract and that it has not granted and will not grant any right or interest to any person or entity that might derogate, encumber or interfere with the rights granted to the LFUCG.

26. Obligations Owed to Third parties: The Contractor represents and warrants that all obligations owed to third parties with respect to the activities contemplated to be undertaken by the Contractor pursuant to the Contract are or will be fully satisfied by the Contractor so that the LFUCG will not have any obligations with respect thereto.

27. Industry Standards: The Contractor represents and expressly warrants that all aspects of the software, license, Goods, and services provided or used by it shall at a minimum conform to the standards in Contractor's industry. This requirement shall be in addition to any express warranties, representations, and specifications included in the Contract, which shall take precedence.

28. Contractor's Personnel and Staffing:

(a) Contractor warrants that all persons assigned to perform the Services under this Contract are either lawful employees of Contractor or lawful employees of a subcontractor authorized by the LFUCG. All of Contractor's or any subcontractor's personnel shall comply with the confidentiality requirements of the Contract and the security requirements of the LFUCG while on LFUCG property or at a LFUCG related function. In the event that any of Contractor's or subcontractor's personnel do not comply with such confidentiality and security requirements, the LFUCG may have the personnel removed from the premises.

(b) All persons assigned to perform the services under this Contract shall be qualified to perform such services. Personnel assigned by Contractor shall have all professional licenses required to perform the Services. If the LFUCG believes that the performance or conduct of any person employed or retained by Contractor to perform any services hereunder is unsatisfactory for any reason or is not in compliance with the provisions of this Contract, the LFUCG shall notify Contractor in writing and Contractor shall promptly address the performance or conduct of such person, or, at the LFUCG's request, immediately replace such person with another person acceptable to the LFUCG and with sufficient knowledge and expertise to perform the Services in accordance with this Contract.

(c) Contractor warrants that an adequate number of appropriately qualified personnel will be employed and available to provide the services in accordance with the schedule and maintenance requirements set forth in this Contract.

29. Technical Support Services and Training.

(a) Training: Contractor will make available sufficient personnel who are qualified for training and support for the LFUCG's operational and maintenance staff for four (4) days or as required by **Exhibit A** Such training will be scheduled at mutually agreeable times. The Contractor will provide handout materials consisting of the System Theory of Operation and related materials. The LFUCG shall provide the

Contractor with classroom space and provide the number of staff members and their positions attending each training session prior to the training.

(i) Contractor shall provide a group training class consisting of one four (4) hours for training control room officers. The ideal class size for this training session should be no larger than ten (10). The Control Station Operation Section is intended to familiarize the control room operators with the different systems of the security control system, the integration of the sub systems and the general operation of the control station.

(ii) Contractor shall provide a group training class consisting of one four (4) hours for training of Administration Personnel. The ideal class size for this training session should be no larger than ten (10). This section includes functions that are normally restricted and reserved for supervisor and/or administrative control functions. This section is also recommended for the "Trainers", administration personnel and IT support/maintenance staff. This training section will include, but not limited to, username and password maintenance, event log reporting, video and audio archive playback and exporting.

(iii) Contractor shall provide two (2), eight (8) hour training sessions for Maintenance and IT support staff. The ideal class size for this training session should be no larger than six (6) to eight (8). These sessions will provide a general overview of the systems and equipment that comprise the integrated security electronic system, the integration of the subsystems and the maintenance of the systems. This section will also include trouble shooting potential problems inside the security equipment cabinets. It is targeted to individuals that are familiar with the operation and maintenance of the electronic systems and equipment typically used in detention facilities.

(iv) Contractor shall provide a group training class consisting of two (2), four (4) hour training sessions to "train-the-trainer". The ideal class size for this training session should be no larger than six (6). The first 4 hour session will include "on hands" training in an un-occupied housing unit utilizing the training outline. The second four (4) hour session would be in a classroom environment covering system functionality and features unique to Master Control. This session would also include two (2) training workstations.

(b) Telephone Support: Contractor shall provide reasonable telephone consultation with respect to the Software to LFUCG during Contractor's normal business hoursof 8:00 am to 5:00 pm Central Standard Time for system down errors. All other support calls shall be billed at Contractor current consulting rates. Contractor will also provide non-business hours support via phone where LFUCG may contact Contractor and a Contractor technician will be paged with the issue. On-line support will also be provided by Contractor. Said support shall be provided by Contractor during the installation of the Project and for twelve (12) months after completion of the Project.

30. Notices.

(a) Requirement of Writing; Permitted Methods of Delivery: Each party giving any notice under this Contract must give written notice using one of the following methods of delivery:

(i) personal delivery;
(ii) Registered or Certified Mail (in each case, return receipt requested and postage prepaid);
(iii) nationally recognized overnight courier (with all fees prepaid.)

(b) Addresses: Any party giving a notice shall address the notice to the appropriate person at the address designated by a parties pursuant to this Section.

Owner:
Lexington Fayette County Urban Government
Attn: Gina Dulin
600 Old Frankfort Circle
Lexington, KY 40510

CONTRACTOR:
Unique Security, Inc.
Attn: Steve Hart
844 Lagoon Commercial Blvd.
Montgomery, AL 36117
Phone: (334) 239-8343

31. Governing Law; Designation of Forum: The laws of the Commonwealth of Kentucky govern all matters arising out of or relating to this Contract and the transactions it contemplates, including, without limitation, its interpretation, construction, performance, and enforcement. Any party bringing a legal action or proceeding against any other party arising out of or relating to this Contract must bring the legal action or proceeding in the state or federal courts of the Commonwealth of Kentucky.

32. Point of Contact for the LFUCG and Contractor: Both the LFUCG and Contractor will designate a primary contact and service coordinator for this Contract. Said individuals will be the single point of contact, and will coordinate all communications, correspondence, and approve work authorizations in accordance with this Contract. These individuals will have authority to make decisions, commitments, and agreements on behalf of their respective parties.

The Contractor:
(a) USI Primary Contact: Steve Hart
Telephone: (334) 239-8343 (O)
(334) 657-1323 (M)
Email: stevehart@uniquesecurityinc.com

USI Secondary Contact: Lonnie Mosier
Telephone: (334) 239-8343 (O)
(334) 657-1328 (M)
Email: lmosier@uniquesecurityinc.com

The LFUCG:
(a) Primary Contact Michael Campbell

Telephone: (502) 468-0181 (M)

Email: michael.campbell@objectiveresults.net

(b) Secondary Contact: Tony Gray

Telephone: (859) 425.2712 (O)

(859) 338-8430 (M)

Email: tgray@lexingtonky.gov

33. Merger and Order of Preference.

(a) Merger: The Contract is the complete and exclusive expression of the parties' agreement on the matters contained in this Contract. All prior and contemporaneous negotiations and Contracts between the parties on the matters contained in this Contract are expressly merged into and superseded by this Contract. The existing Preventive Maintenance Contract between the LFUCG and the Contractor shall remain in effect and be separate from the scope of work to be performed under this Contract.

(b) Order of Preference: In the case of any inconsistency or conflict among the specific provisions of this Contract (including any amendments accepted by both the LFUCG and Contractor attached hereto), the RFP (including any subsequent addenda), and Contractor's Response, any inconsistency or conflict shall be resolved as follows:

(i) First, by giving preference to the specific provisions of this Contract and any accepted amendments.

(ii) Second, by giving preference to the specific provisions of the RFP; and

(iii) Third, to the specific provisions of Contractor's Response to the RFP.

(c) Intent of References to Proposal Documents: The references to the parties' obligations, which are contained in this document, are intended to supplement or clarify the obligations as stated in the RFP, and the Contractor's Response. The failure of the parties to make reference to the terms of the RFP, or the Contractor's Response to this document shall not be construed as creating a conflict and will not relieve the Contractor of the contractual obligations imposed by the terms of the RFP, and the Contractor's Response. The contractual obligations of the LFUCG cannot be implied from the Contractor's Response.

34. Amendments and Modifications: The parties may amend or modify this Contract only by a signed, written agreement by both parties that identifies itself as an amendment or modification to this Contract. No other alternations in the terms of this Contract shall be valid or binding.

35. Waivers:

(a) No Oral Waivers: The parties may waive any provision in this Contract only by a writing executed by the party or parties against whom the waiver is sought to be enforced.

(b) Effect of Failure, Delay or Course of Dealing: No failure or delay (1) in exercising any right or remedy, or (2) in requiring the satisfaction of any condition under this Contract, and No act, omission, or course of dealing between the parties operates as a waiver or estoppel of any right, remedy or condition.

(c) Each Waiver for a Specific Purpose: A waiver made in writing on one occasion is

effective only in that instance and only for the purpose stated. A waiver once given is not to be construed as a waiver on any future occasion or against any other Person.

36. Severability: If any provision of this Contract is determined to be unenforceable, the remaining provisions of this Contract remain in full force, if the essential terms and conditions of this Contract for each party remain enforceable.

37. Counterparts: The parties may execute this Contract in multiple counterparts, each of which constitutes an original, and all of which, collectively, constitute only one agreement. The signatures of all of the parties need not appear on the same counterpart, and delivery of an executed counterpart signature page by facsimile is as effective as executing and delivering this Contract in the presence of the other parties to this Contract. This Contract is effective upon delivery of one executed counterpart from each party to the other parties. In proving this Contract, a party must produce or account only for the executed counterpart of the party to be charged.

38. Force Majeure: Neither party shall be liable for any loss or damage suffered by the other party, directly or indirectly, as a result of the non performing party's failure to perform, or delay in performing, any of its obligations contained in this contract (except any obligations to make payments for services rendered or accepted Goods received before the failure to perform or the delay in performance), where, in the opinion of the LFUCG, such failure or delay is cause by circumstances beyond the non performing party's control or which make performance commercially impracticable, including but not limited to fire, flood, storm or other natural disaster, explosion, accident, war, riot, civil disorder, government regulations or restrictions of any kind or any acts of any government, alien enemy, judicial action, power failure, acts of God, or other natural circumstances. This Force Majeure provision excludes economic hardship, changes in market conditions, and insufficiency of funds on the part of Contractor.

39. Subletting of Contract: This Contract binds the parties and their respective successors and assignees. Contractor shall not assign or otherwise dispose of this Contract or any duty(ies), right(s), or responsibility(ies) contemplated in this Contract to any other person without the previous written consent of the LFUCG.

40. Subcontractors: Contractor shall not subcontract services or any part of this Contract without the prior written consent of the LFUCG. The LFUCG hereby approves Contractor using DPS, LLC as a subcontractor for furnishing and installing conduit, wire, field devices and other assigned duties under Contractor's direct supervision.

41. Third Party Beneficiaries: This Contract does not and is not intended to confer any rights or remedies upon any person other than the signatories.

42. Number and Gender: Any reference in this Contract to the singular includes the plural where appropriate, and any reference in this Contract to the masculine gender includes the feminine and neuter genders where appropriate.

43. Captions: The descriptive headings of the Articles, Sections and subsections of this Contract are for convenience only, do not constitute a part of this Contract, and do not affect this Contract's construction or interpretation.

44. Rights and Remedies Cumulative: Any enumeration of the LFUCG's rights and remedies set forth in this Contract is not exhaustive. The LFUCG's exercise of any right or remedy under

this Contract does not preclude the exercise of any other right or remedy. All of the LFUCG's rights and remedies are cumulative and are in addition to any other right or remedy set forth in this Contract, any other agreement between the parties, or which may now or subsequently exist at law or in equity, by statute or otherwise.

45. Time is of the Essence: Time is of the essence with regard to performance of any services under this Contract, unless the parties agree otherwise in writing.

46. Relationship Among parties: This Contract creates no relationship of joint venture, partnership, limited partnership, agency, or employer-employee between the parties, and the parties acknowledge that no other facts or relations exist that would create any such relationship between them. Neither party has any right nor authority to assume or to create any obligation or responsibility on behalf of the other party except as may from time to time be provided by written instrument signed by both parties.

47. Rules of Construction. The parties hereto have each been represented by counsel, or had the opportunity to be represented, during the negotiation and execution of this Contract, and therefore waive application of any law or rule of construction providing that ambiguities in the Contract will be construed against the party drafting such Contract.

48. Attachments. The following Attachments are incorporated by reference into this Contract:

EXHIBIT A – LFUCG RFP Template W/USI RESPONSE
EXHIBIT B – PAYMENT TERMS

[The immediately following page is the signature page.]

IN WITNESS WHEREOF the duly authority officers of the parties have executed this Contract under seal on the date set forth below.

UNIQUE SECURITY, INC.

By: _____

Name: _____

Title: _____

Attest: _____

Name: _____

Title: _____

(Corporate Seal)

Date: _____

Lexington-Fayette County Urban Government

By: _____

Title: _____

Attest: _____

Name: _____

Title: _____

(County Seal)

Date: _____

EXHIBIT A
RFP 20-2017

Executive Summary

Unique Security Inc (USI) has been in business since December 2009 and is based in Montgomery AL. Our staff of 15 employees has more than 185 years of combined experience in the corrections field. During our careers, we have worked on some of the largest, most complex and sophisticated correctional facilities in the United States and overseas.

USI is intimately familiar with the LFUCG Jail facility's layout, as well as the security electronic control systems deployed inside the facility. Some of our staff were involved in the original construction of the project and have been performing on-going maintenance activities since the jail was opened. USI currently has a preventative maintenance contract which includes four (4) annual trips per year to service and inspect the security control system equipment.

It is our experience and familiarity with the jail, its staff and the systems that gives us the insight to knowing the system functionality, operator's frustrations, what works and what doesn't work as originally intended.

In summary, we offer the following brief overview of our proposed solution:

There are several areas of concern in regards to the reliability and functionality of security control system. Our concerns range from obsolete systems and equipment that are no longer supported by the manufacturer, proprietary systems that are not supported on the open market, outdated software not supported on current generation appliances, to configuration and installation issues affecting the operational stability of the systems.

One of the primary concerns is the system critical nature of the "Informer" server. In effect, the reliability of entire security control system is dependent on the Informer Server being online and operational. The operation of the security control system (HMI/Touchscreen Control Stations) which controls all security functions including locking, intercom, cameras, and alarms is dependent on the "Informer" being operational. As currently configured, if the "Informer" fails or is offline for any reason, the officer stations cannot log into the system and are not operational. The "Informer" also hosts the services for camera call and control, event logging, audio event recordings, the card access system and interface to the PLC controls system which also includes locking control, duress (mandown) and the intercom system.

The solution we are proposing is based on replacing all of the officer control stations CPU's (Wonderware Intouch) and the PLC (Allen Bradley) to interface directly with the each of the sub-systems that are currently hosted and controlled by the "Informer" server.

Our solution also includes replacing the proprietary software and hardware which is being used for the card access system with a standard access control product that is available on the open market. The existing readers and cards are standard HID products and would not be required to be replaced.

We acknowledge that there are several issues affecting the use and reliability of the CCTV monitoring and video recording systems. Our recommendation is to replace the existing CCTV headend equipment with a Bosch Video System solution that has expandable storage capacity and will allow for future expansion as well as a total conversion to high definition IP cameras in the future. The officer workstations will need to be reconfigured to interface with the cameras for the desired camera call up and display of the live video locally or on the monitor wall. It is our recommendation that the video storage system provide a minimum of 45 days of useable recorded video. The system could be expandable should the owner decide to increase the video retention time in the future.

The existing audio system is a combination of products from GE/Dukane and Stanley. The system

contains proprietary interface boards manufactured by Stanley and GE/Dukane has discontinued the amplifiers and is no longer supported. It would be our recommendation to upgrade the audio system to a hybrid analog IP system available from Harding Instruments. The proposed hybrid system provides an interface to the legacy analog stations which saves the facility's investment in the cabling and remote staff stations installed throughout the facility.

An additional benefit, the system is easily integrated with the officer control stations for seamless operation and will also continue to operate in a stand-alone mode should failures in the other systems occur.

USI's approach to implementing the proposed system is one which includes the involvement of the jails administration and operational staff to ensure the system functionality and configuration meets their needs. We are committed to providing a cost effective and user friendly solution that is easily maintainable and allows for future expansion.

Requirements Response Matrix

For each requirement listed in the *Requirements table* provided below, please respond with one of the following values in the *Vendor Response* column:
3 indicates that this requirement is fully met by the current release of your packaged solution.
2 indicates that this requirement is fully met by a planned release of your solution. A "2" response must be accompanied by the general availability date of the solution.
1 indicates that customization to a packaged solution, or that custom developed software will be necessary to meet this requirement.
0 indicates that your solution does not and is not planned to meet the requirement, either by new release or customization.
For any response of 0, 1, or 2, please describe the uncertainty or limitation related to the response.

Requirement	Priority	Vendor Response 3, 2, 1, 0
Requirement 1.0: The ability to view activities clearly, with adequate resolution	H	3
Requirement 1.1: The ability to provide H264 camera resolution	H	3
Requirement 1.2: The ability to provide secure cloud-based video storage	L	1- Cloud Storage is not supported by Bosch Third party packages are available but have not been evaluated by USI for suitability. Data uplink speed requirements are estimated to be in excess of 10GB in order to achieve reliable cloud storage and may be a limiting factor.
Requirement 1.3: The ability to capture video in low light situations	H	3
Requirement 1.4: The ability to export video in MPEG/AVI formats	C	3
Requirement 1.5: The ability to provide PTZ Pantel Zoom capable cameras controlled remotely	C	3
Requirement 1.6: The ability to direct cameras to the source of man down alarms	C	3
Requirement 1.7: The ability to provide IP cameras with NIC (network interface card)	C	3
Requirement 1.8: The ability to capture and view video with audio provided	C	3
Requirement 1.9: The ability to provide Power over Ethernet (POE) cameras	H	3
Requirement 1.10: The ability to have video coverage on top and bottom levels of the units	C	3
Requirement 1.11: The ability for video camera to		3

Requirement	Priority	Vendor Response 3, 2, 1, 0
"return to home" position after specified period of inactivity	M	
Requirement 1.12: The ability to override or turn off the "return to home" position as described in Requirement 1.11	M	3
Requirement 2.0: The ability to query video files using • Camera ID • Date/Time • Location	C	3
Requirement 2.1: The ability to restrict view and export capabilities to authorized users	C	3
Requirement 2.2: The ability to watermark video/audio files to identify the source and preserve original	M	3
Requirement 2.3: The ability to redact video files	C	3
Requirement 2.4: The ability to have an audit trail/log for video viewing and all file manipulations	C	3
Requirement 3.0: The ability to have role based access security	C	3
Requirement 3.1: The ability to have a non-propriety access solution • The Division wants to use one type of card, HID and get rid of the facility code associated with the readers.	C	3
Requirement 3.2: The ability to operate access securely off line, e.g., server failure	C	3
Requirement 3.3: The ability to integrate video with master control to show what's being opened and closed	C	3
Requirement 3.4: The ability to display a picture (from the solution's database) of the person attempting access via a reader at the access point.	H	3
Requirement 3.5: The ability to manage (e.g. add, change, delete) pictures (in the solution's database).	H	3
Requirement 3.6: The ability to control the flow of water, electricity, TV and phones with your solution • Restricted to authorized users only	C	3
Requirement 3.7: The ability to record rounds and update shift logs using mobile devices	M	2 – Intouch currently is supported on mobile

Requirement	Priority	Vendor Response 3, 2, 1, 0
		devices. Proposal does not include application specific configuration in order to support this item.
Requirement 4.0: The ability to provide a man-down alarm system that triggers MC and identifies the general location, at a minimum • Identifies the housing unit • Vendor to specify precision of location	C	3
Requirement 4.1: The ability to give MC full control of locking of the unit and camera during man down alerts • MC override capabilities	C	3
Requirement 4.2: The ability to support panic buttons throughout the jail • Alerts MC immediately • Shut down panel if originated in unit	C	3
Requirement 4.3: The ability to notify MC of fire alarm	C	3
Requirement 4.4: The ability to notify if door is open too long • For different door types, i.e., hinge, slide, etc.	C	3
Requirement 4.5: The ability to have reset capabilities after man down situation is clear	C	3
Requirement 5.0: The ability to report on external door access • Who, when, location and mapped to architecture	C	3
Requirement 5.1: The ability to identify on real time basis who and when internal doors were opened	C	3
Requirement 5.2: The ability to query on door access data • Internal and external	H	3
Requirement 5.3: The ability to run self-diagnostics on systems; video and access management • To determine if cameras are up or down, to run door control checks, etc.	H	3
Requirement 5.4: The ability to query the audit log	H	3
Requirement T.0: The ability to have a scalable	C	3

Requirement	Priority	Vendor Response 3, 2, 1, 0
solution		
Requirement T.1: The ability to provide remote access • Need to authorize on a case by case basis	M	3
Requirement T.2: The ability to enable multiple, simultaneous viewing of a single video file	H	3
Requirement T.3: The ability to provide non-proprietary components for both video and access management	C	3
Requirement T.4: The ability to meet Federal Information Processing Standard (FIPS) standard 140.2 for any encryption	L	3
Requirement T.5: The ability to provide sub-second response time for video camera movements and call-ups	C	3
Requirement T.6: The ability to provide instantaneous response time for locking / unlocking commands from Master Control console	C	3
Requirement T.7: The ability to provide 99.5% uptime for video management and locking systems	C	3
Requirement T.8: The ability to provide Service Level Agreement that includes getting support personnel onsite within 2 hours for critical level of issue	C	1- We have an Electronic Tech that is approx. 4 hrs from the facility. Depending on the level of support required by the facility, we are willing to subcontract a local company with the necessary technical experience to provide on-site support services under our supervision and direction.
Requirement T.9: The ability to keep video files on a separate network topography	M	3
Requirement T.10: The ability to utilize “hot swappable” drives at the drive and cluster level	C	3
Requirement T.11: The ability to provide robust documentation (in a softcopy format) for all equipment, connections and other solution components.	C	3
Requirement T.12: The ability to provide spare parts in close proximity to the jail. Please indicate your recommended percentage of these, and	C	3. An inventory of on-site spare parts are included as part of the support

Requirement	Priority	Vendor Response 3, 2, 1, 0
whether they are included in your support costs.		**agreement which include system critical devices.**
Requirement T.13: The ability to include upgrades in the cost of your support	**H**	**3**
Requirement T.14: The ability to provide touch-screen capability, with additional mouse functionality, where needed which integrate with door locks and camera systems. • **With ability to migrate to non-touch screen format**	**H**	**3**
Requirement T.15: The ability to include system resiliency providing for 24x7 access and automatic failover, or parallel/clustered systems for minimum operational downtime.	**C**	**3**
Requirement T.16: The ability to provide severity levels, Service Level Agreements and escalation processes for technical support.	**C**	**3**

Vendor Scope of Work

The major components of the desired scope of work for the vendor are comprised of the following items. Please indicate your ability and commitment below with a "yes" or "no" for each line item. For any "no" answers, please explain the associated limitations or constraints.

Vendor's Scope of Work	Vendor Response Yes or No
Provide, install, integrate and implement licensed software and hardware to fulfill the business and technical requirements for a Jail Security Solution	**YES**
Hardware required to provide video / audio and access management capabilities specified in the requirements in this RFP	**YES**
Software required to provide video / audio and access management capabilities specified in the requirements in this RFP	**YES**
Any and all hardware and software required to connect these components	**YES**
If your solution contains custom developed components, source code for the customization. Any custom code should be fully supported under the standard maintenance agreement for future product software upgrades or releases.	**YES**
Provide services to fulfill the business and technical requirements for a Jail Security Solution	**YES**
To proactively manage this project, including planning, monitoring, reporting and coordinating vendor and client efforts	**YES**
To proactively manage this project, as the prime contractor, if other firms are involved	**YES**
To install develop / configure, test, integrate and implement components of the solution. Although we are initially implementing 388 cameras, the installation of cabling infrastructure for 783 cameras is included in this Scope of Work. See *Addendums A & B.*	**YES**
To provide quality assurance to all work performed by the vendor and any subcontractors	**YES**
To provide a documented process, training, procedures and software that support a solution backup and recovery	**YES**
To provide warranty and ongoing support, and any applicable hourly rates or any other charges for post-warranty support	**YES**
To provide user and system administrator training required to effectively use the solution	**YES**
To provide a training plan and training documentation, in both hardcopy and electronic formats, for users and administrators.	**YES**
To provide detailed "as-built" diagrams depicting the solution that was implemented	**YES**
To clean up, remove and compliantly dispose of any and all construction waste from installation activities.	**YES**
To comply with all RFP response criteria	**YES**
Provide hardware and system software specifications and capacities to fulfill the functional and technical requirements for a Jail Security Solution	**YES**
Including solution components and other ancillary equipment required for the successful operation of the proposed solution.	**YES**

Vendor Business Profile & References

Please submit the following business information items about your company and subcontractors:

- Company name, headquarter address, and local responsible office
  Unique Security Inc.
  844 Lagoon Commercial Blvd
  Montgomery, AL. 36117
- Number of years in business: ***7 plus years***
- Number of years active in the delivery of Jail Security Systems: ***7 plus years***
- Annual revenue: ***$2.1M***
- Business structure (e.g., C-Corp, S-Corp, LLC) ***S- Corp.***
- Ownership (if publicly traded, include exchange and symbol)
  Private (Lonnie Mosier, Steve Hart & Gary Hart
- Total number of employees: ***15 Full Time. Other part time help used as needed.***
- Identify any and all third-party solution components and service proposed: ***DPS, Group***
- If third parties are proposed, please indicate the number of times these parties have worked together with you and provide contact information for the client(s) for whom you and the third parties worked. ***USI has teamed up with DPS Group (a WBE owned by Donna Davis-Stokes, 2660 Zelda Road - Montgomery, AL 36107, Phone: (334) 262 – 0698) to furnish and install conduit, backboxes, pull boxes and cabling. We are currently working with them on the Carrol County Jail in Carrollton, GA., which is a security control system replacement project. DPS has an agreement to work with Berry Electric Inc., 3860 US Hwy 150 East, Stanford, KY 40484, Mark Berry, (606) 510-3864, ME#15169, CE#15170. DPS and Berry Electric have worked together on previous projects in KY.***
- Number of personnel employed for development and maintenance of this solution. ***4 – 6, technicians, depending on the final scope of work.***
- The percentage of revenue or earnings re-invested in research & development for your solution ***3 %***
- The percentage of your revenue that is generated by support services and by implementation services
  30% of revenue is generated from service, wholesale sales and maintenance contracts.
  15% of revenue is generated from "hardline" installation contracts, with the balance of revenue (55%) coming from electronic project contracts.
- Please provide the number and identification of your jail security system customers serving a jail size of 1,000-1,500 beds. ***See Below***
- Please identify a minimum of five (5) jail or correctional facilities for which you have completed installation of the proposed system or recent version of the proposed within the last ten (10) years from the issuance date of this RFP.

References

Provide information on at least three (3) jurisdictions using or implementing the proposed solution preferably those jurisdictions that are comparable to the LFUCG based upon characteristics such as facility description, population size, and similarity to scope of project, modules used and system functionality. Installations or upgrades must have been completed and put into production use within the last five (5) years from the issuance date of this RFP and include the following information:

1. Jurisdiction Name: ***St. Louis County Jail, Clayton, MO.***
   POC: ***Raymond Barnes, PM/Jail Administrator***
   POC E-mail Address: ***RBarnes@stlouisco.com***
   POC Phone Number: ***(314) 615-5766***
   Jurisdiction Population: ***1,400 Beds Performed electronic control system up-grades including touchscreens, locking control, PLC's, duress (mandown), intercom & CCTV and currently providing preventative maintenance.***

2. Jurisdiction Name**:** ***Leon County Detention Center***
   POC: ***Janna Richardson, Jail/IT Administrator***
   POC E-mail Address: ***richardsonJ@leoncountyfl.gov***
   POC Phone Number: ***(850) 922-3335***
   Jurisdiction Population: ***1,000 Beds. Performed electronic control system up-grades including touchscreen stations, locking control, PLC's, intercom & CCTV and currently providing preventative maintenance.***

3. Jurisdiction Name: ***Jack T. Bell Detention Center (Carrol County Jail)***
   POC: ***Major David Jordan, Jail Administrator***
   POC E-mail Address: ***djordan@carrollsheriff.com***
   POC Phone Number: ***770-830-5888***
   Jurisdiction Population: ***650 + Beds. Performed electronic control system up-grades including touchscreens, locking control, PLC's, access control, intercom & CCTV and currently providing preventative maintenance.***
4. Jurisdiction Name: ***Al Wathba Prison***
   POC: ***Bill Clarke, CGA Architects***
   POC Role: *Owners Representative/Architect*
   POC E-mail Address: ***bclarke@cartergoblelee.com***
   POC Phone Number: ***803/530-8556***
   Jurisdiction Population: ***1,200 + Beds. Furnished and installed a completely integrated control system inside an existing facility and new buildings. Systems included touchscreen stations, PLC's, intercom, CCTV and Duress (mandown) systems.***

5. Jurisdiction Name: ***Gwinnett County Detention Center***
   POC: ***Stephen Baptists, Project Manager***
   POC E-mail Address: ***Stephen.baptista@gwinnett@gwinnettcounty.com***
   POC Phone Number: ***770/619-6405***
   Jurisdiction Population: **2,500 Beds. Performed system up-grades & preventative maintenance.**

Key Questions and Information Requests

Please respond to the following questions.

1. Please describe your approach to cutting over to your solution, indicating phases, major activities and any downtime required.

   The on-site, system conversion or "cut over" will be accomplished in a phased system/area of control sequence.

   Phase 1 – Install new network infrastructure/backbone. The existing network will remain in place during the upgrade. The 2 networks will be bridged at a single location allowing the "new" and "old" networks and systems to be isolated from each other if necessary. All new equipment will be terminated onto the "new" infrastructure having no impact to existing operations. (2 weeks duration)

   Phase 2 – This phase will install key system components at central control equipment room. The video management server and intercom headend will be put into service. At this point no end of line devices, intercoms, doors, cameras, etc., will be cut over, again having no or minimal impact to existing operations. (2 weeks duration)

   Phase X – This phase is for the installation of new cameras in the facility by system/area and will be worked in conjunction with other phases and activities. With the new network infrastructure in place the cameras can be installed and activated with minimal or no interruption of existing camera operations.

   Phase 3 – Central control touch station #3 will be replaced with the "new" Central touch screen and workstation, including CCTV monitors and intercom master station. As new cameras and existing field devices are cut over to the new system they will be operational from this station. These activities will have minimal or no impact to existing operations. (2 weeks duration)

   Phase 4 – The new PLC processors and the Intercom head-end equipment will be put in service in each housing (4) equipment rooms. Operation will be verified back to Central touch screen station # 3. This activity should not cause any or very little impact to the routine daily operations to facility. (3 weeks duration)

   Phase 5 – This phase will consist of the cut-over of local control devices only on a housing unit by housing unit basis. Field devices that are routinely controlled by Central will not be transferred at this time. Each door lock and intercom station that is normally controlled locally (i.e., the cell locks and intercoms) will be cut over to the new system. Once local operation has been verified locally, transfer of control and operation to central control will be completed and verified. Conversion of the next housing unit will not start until all operations have been verified. Order of sequence of the housing unit conversion will be determined and based on input from the facility. (2 weeks duration per housing unit)

   Phase 6 – Once the housing units are complete, the transfer of devices that are normally under centrals control will be performed. In parallel with this Phase and coordinated with the transfer of the locks and intercoms, the existing cameras will be upgraded and transferred to the new system. Duress, card readers and balance of systems, will also be cut- over during this phase. (6 weeks duration)

   Phase 7 – The remaining 2 "old or existing" touch stations in Central will be replaced at this time. (As the work load on the new system increases during the previous phase, one of these remaining stations may be replaced during the previous phase in order to balance workload). (5 weeks duration)

   Phase 8 – Cleanup and resolution of any outstanding issues. Complete final testing, commissioning and owner training. (4 weeks duration)

1. Please provide the frequency and estimated costs of hardware and software upgrades.
   Computer based equipment such as servers, workstations and storage devices should be expected to be replaced approximately every 5 years (most come with a 3 year warranty). Software updates are released twice per year and the cost depends on whether on an annual software maintenance agreement or if "free maintenance" is purchased upfront.
2. After reviewing the Appendices to this RFP, please indicate if you have alternative recommendations regarding our proposed number, types and placement of cameras.
   As part of the submittal phase of the project, we would review the placement and types of all cameras with the facility prior to the on-site work to ensure the type and placement of the cameras are consistent with the facility's intended operation needs.
3. Describe and price analytics geometric (motion detection/tracking) for cameras.
   All Bosch cameras going forward will come with "essential video analytics". We recommend full Intelligent Video Analytics (IVA) for exterior applications. Our proposed solution provides the following analytics currently (at no additional cost): Any object/Object in Field/Line Crossing/Enter/Leave field/ Loitering/Follow route/idle/remove object/Counting/Occupancy/Crowd density estimation/Condition change/similarity search.
4. Describe your approach to managing views for outdoor cameras for motion and low light.
   The proposed starlight cameras have exceptional performance in low light conditions, requiring only .0077lx (Lux) of luminosity for color operation and .0008lx for monochrome operation. A moonless clear night sky is considered to provide .002lx of illumination without additional lighting (well within the monochrome requirements) and a full moon sky in the .05 to .36lx range to support color operation. The outdoor Autodome cameras are capable, additional licensing required, of on board motion detection that can be configured for zone of interest. They are also capable of intelligent video content analysis where it is able to detect idle and removed objects as well as loitering, multiple line crossing, trajectories, Bird's eye people counting and intelligent tracking. Intelligent tracking allows the built-in video analytics to follow an individual automatically, keeping them in view.
5. Describe automated retention management features of your solution – and ability to flag videos for retention beyond standard retention, i.e., 30 days.
   The Bosch system has settings for minimum and maximum retention times. If an event occurs that needs to be saved in the system (rather than exported) for more than the maximum retention time, the system allows for this video to be "protected" which keeps it from being overwritten until this protection is removed.
6. Describe your approach to securely sharing audio and video.
   Exports (which can include audio and video) can be done in native format (which is authenticated and includes an export player too) or in a Windows compatible format.
7. Describe your redaction functionality.
   Storage will not be overwritten by the system automatically until the minimum retention time ***has been met. After this retention time has been met, the video is released to be able to be overwritten. If a user has the proper authorization, video can be manually deleted, but this is not recommended and requires specific login credentials.***
8. Describe your approach to secure access.
   All users must login with a username and password. The system allows restriction of what functions are available per user by login.
9. Describe your approach to preventative maintenance for access points, e.g., doors.
   USI believes that regular preventive maintenance on the door hardware (lock, closer, DPS & hinges) is required to ensure proper door function as well as ensuring the security control system is operating and indicating correctly. Most hardware manufacturers, recommend

servicing their hardware at least once a year.

10. Please specify the optimal Uninterruptible Power Supply (UPS) for your solution, along with its estimated cost.
    It is our preference to utilize a UPS that incorporates a Ferro resonate transformer to filter and condition in coming power and providing true sine wave output. As part of the submittal process the UPS will be sized to provide full load at no more than 80% loading.
11. How would you solve the problem of inmates compromising the doors, i.e., inserting something to keep the door from shutting completely but the alarm does not detect it?
    Unfortunately, there is no sure fired solution to preventing the inmates to compromising the doors – either pneumatic or electro-mechanical locks. There has to be interaction with the staff making regular rounds throughout the inmate areas to visually inspect each opening. Unsecure doors should be indicated on the control panels any time a door lock or position switch is not secure. Conducting preventive maintenance on the hardware will also ensure that the hinges, latchbolt and door position switches are properly adjusted and indicating correctly on the control panel.
12. Describe self-diagnostic capabilities and the level of detail you provide.
    The f*acility should develop internal logs to support operational capabilities of the hardware. Reports should be available for downloading or printing for evaluation and disposition.*
13. What is your recommended door type (e.g. pneumatic, electronic)?
    USI prefers the existing pneumatic locks and sliding devices. If properly maintained, pneumatic products run smoother, quieter and generally require less maintenance than electro-mechanical devices. Additional, they have fewer moving parts and consume less power. It would be very expensive to replace the existing locks and devices with E-M products as lock pockets in the frames would have to be modified or replaced, wiring may have to be changed out and modifications to the power distribution may have to be modified.
14. What would be the benefit and cost of replacing our pneumatic doors?
    USI is not convinced that there would any benefit realized should the pneumatic locks and sliding devices be replaced. Providing a cost to replace approximately 867 pneumatic operated door locks and sliding devices without knowing what model/type replacement is to be used, is difficult to determine. There are too many variables that will impact the price. The desired Lock type and lock size will have an impact to the cost because of the requisite modifications to the hollow metal frames and doors. The lock type and voltage will also determine if the existing control wiring will need to be replaced and can also require changes to the locking control system power supplies, relay boards and possibly the electrical power distribution system. Also, the existing key system could also have a cost impact.
15. What is the best approach to disaster recovery (both video and locking systems)?
    USI recommends having redundancy and hot fail over included in these systems.
16. Describe your refresh strategy for solution hardware, such as cameras, monitors, and consoles.
    Because the equipment and system used inside correctional facilities are operational 24/7 – 365 days a year, a proactive preventive maintenance program is critical in prolonging the life expectancy of the equipment. Critical system components (including hard drives) should be either replaced or refurbished every 3 to 4 years. The entire systems useful life is around 5-7 years depending on how well the equipment has been maintained.
17. Describe the "product roadmap" for your video capabilities, including improving resolution.
    Bosch currently has IP cameras with 720P, 1080P, 5MP, 4K (8MP) and 12MP resolution. Bosch IP cameras are expected to have 8K (16MP) resolutions in the very near future.
18. Does your solution utilize video Storage Area Networks (SAN)? ***Yes***

19. What is the oldest version and optimal version of Windows to operate this solution?
    Windows 7 and 10 or Server 2008-12.
20. Please specify how you can pre-emptively identify points of failure and work-arounds.
    Each officer station is designed to independently communicate directly with each PLC system, intercom system and each individual camera without regard to the online condition of other systems, servers or computers. Failure of one computer, PLC, camera, or audio system will not affect other computers, PLC's, cameras or audio systems. System impact of network infrastructure failures would be isolated to operation of local systems and/or components. The video storage arrays are RAID 5/6 and will continue to operate on a drive failure without loss of data. The storage servers are configured in a pooled arrangement, video recording would be redirected to a secondary appliance should an appliance fail or go offline. Normal maintenance activities would include monitoring of network and error logs for identification of deteriorating operation.
21. What is the estimated number of feet of fiber cable to be installed per your proposal? What type (e.g., single or multi-mode)?
    We have estimated 8,000 feet of 12 core, single mode fiber. Initial design would be utilizing 2 fibers for the network interconnects with 10 remaining dark for capacity expansion or future use. Outdoor cameras requiring fiber, minimum 2 core fiber will be installed.
22. What is the estimated number of feet of non-fiber cable to be installed per your proposal?
    We have estimated 225,000 feet of primarily Cat6 cable for camera and audio device network interconnect. Limited footage of 2 conductor cable for powering camera PTZ, heater and blower devices and to the remote fiber media converters located at outdoor cameras.
23. Are your proposed switches to be installed in a star or daisy-chain configuration?
    The network will be configured in a "Star" configuration with the Central Control equipment room functioning as the Hub and dedicated runs made to each of the 4 remote equipment rooms and 1 to the utility building located at the back of the facility.

Proposed Project Approach, Plan and Schedule

The vendor will identify and provide the expected major phases / tasks and associated estimated timelines required to fulfill the scope of work described in this RFP. Any tasks required for this scope of work and not performed by the vendor must be identified as such. Any tasks proposed to be performed by LFUCG should be identified specifically with a quantification of the effort required.

Unique Security Inc.'s (USI) first order of business would be to hold a series of meetings with the jail administration and operations staff in order to gain a full understanding of their concerns and issues. This meeting will be used to discuss our plan for replacing the existing equipment and systems. We would expect input from the jail staff and LFUCG administration from an operational and functionality point of view. USI believes the operational and maintenance staff must be actively involved in the entire process in order for all to succeed.

With the information gained from the above meetings, along with our existing knowledge of the facility, we would develop engineered drawings and a detailed theory of operation, which would be used to further develop the total security control system solution.

USI's methodology is to systematically (in coordination with the jail staff) remove the existing Stanley "Informer" servers, Touchscreen control stations, CPU's, PLC's, sub-security systems head-end equipment and install, test and commission the new systems in each control and equipment room; one system at a time. The priority will be to commission at least one station inside Master Control as soon as possible and then bring up the satellite control stations one at a time and integrate each into Master Control. The order of priority for the remote control stations will be closely coordinated with the facility.

The 3 each touchscreens in Master Control will be 24" ELO LCD monitors (at least 2 for active control and monitoring and 1 additional that can be used as a training station and for active control should the need arise). The 23 each remotely located control room touchscreens will also consist of 24" ELO LCD monitors (1 each in each of the 20 housing units, 1 each in medical, 1 each in reception and 1 each in intake).

The existing audio system is a combination of products from GE/Dukane and Stanley. Since the acquisition of Dukane by GE, there has been a slow discontinuation of most of the product offerings which includes the amplifiers and interface boards that were used on this project. In addition, the existing system also contains proprietary interface boards manufactured by Stanley which have an uncertain availability. It would be our recommendation to upgrade the audio system to a hybrid analog IP system available from Harding Instruments. Harding manufactures a system, targeted for the detention market that provides an IP based system structured similar to a VOIP telephone system. The hybrid portion provides an interface to the legacy analog stations which saves the facility's investment by reusing the existing field wiring and staff stations currently installed throughout the facility. As an additional benefit, the system is easily integrated with the new officer control stations for seamless operation and will also continue to operate in a stand-alone mode should failures in the other systems occur.

The existing card access sub-system is also based on proprietary software and hardware. The software and card reader interface modules are products of Stanley, availability and support are not available on the open market. Therefore, it is our recommendation to replace the existing system with a standard access control product that is available and supported on the open market. The existing readers and cards are standard HID products and would not be required to be replaced. Our preferred product is Abba Logics' MASC product line which provides a distributed logic and control configuration which is not dependent on a central processor for day to day operation.

It would be our recommendation to replace the existing CCTV headend equipment with a Bosch

system that has expandable storage capacity and would lay the ground work for future conversion to and expansion with high definition IP cameras. Our preferred system would be a Bosch BVMS Pro system and video storage arrays. The existing analog cameras would be encoded and streamed to the network attached storage arrays for recording. The new officer workstations would be configured to interface with the cameras for the call up and display of the live video locally or on the monitor wall monitors. In order to provide a minimum of 30 days of useable recorded video we recommend a system configured with 128TB of storage. The system can be expanded in the future, if increased retention time is required, by the installation of additional network attached storage arrays as needed for added cameras.

With the above upgrade to the video system, the existing analog cameras can be replaced and upgraded to current generation IP cameras without significant changes to the VMS headend or officer station programming. The newer generation IP cameras do require additional storage since the "new" generation cameras are higher definition. The existing coax cabling to each camera will need to be replaced with CAT6 cable at the time of upgrade. New POE switches will also be required in each system/equipment room location for termination of the cameras.

Schedule

Our proposed schedule for this project will minimize the interruption of the facility's daily and routine activities. We are planning to complete each of the five (5) areas before moving into the next area. However, there will be several activities that will be started for other Systems in preparation of actually taking equipment off-line. As mentioned above, it is our priority to meet with the stakeholders and facility staff in order to establish areas of priority and to assist with a sequence of work.

Activity	*Duration*
Submittal Documents	*90*
Submittal Review and Approval	*30*
Material Procurement & Equipment Delivery	*45*
	165 Days

NOTE: Procurement and equipment delivery will be on-going as we release Purchase Orders on an "As Needed" basis for each system.

As mentioned in our "Approach", we plan on installing the new network infrastructure/backbone as soon as possible. This will allow us to bridge the old with the new at single location permitting us to maintain the existing systems operation while bringing on the new system as necessary without interruption to the overall control system. This work will be performed simultaneously with the work in the first system (below).

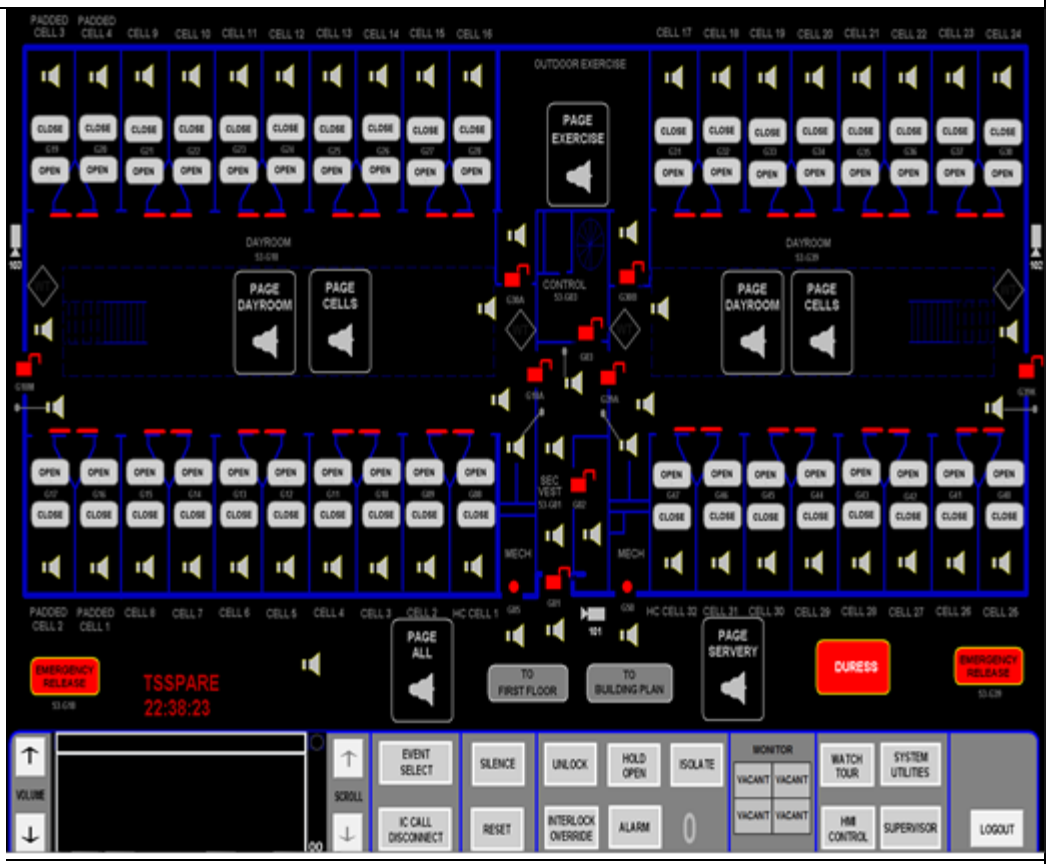
We have estimated 135 days to complete each of the five (5) systems after materials and equipment have been received. The following is a rough breakdown of major work scope activities we foresee occurring for each of the five (5) systems (some systems may take more or less than others):

On-Site Durations:	
Conduit to New and Planned camera locations	*60*
Wire Pull and Camera installation	*45*
Control Equipment Installation and Terminations	*30*
	135 Days/System
Final test, checkout, commission & owner training:	*45*
	885 Total # Days

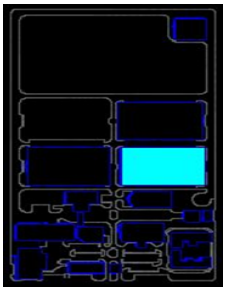
Technical Details

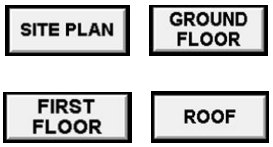
Please provide the following system specifications for the proposed solution:

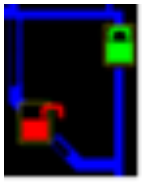
System Specifications	Vendor Response
1. System user security	***All users must login with an assigned username and password. The proposed system allows restriction of what functions are available per user by login.***
2. Product specifications for each major system and component in this section in the following order: Programmable Logic Controllers Video Management System and cameras Intercom System/Public Address System Cabling Infrastructure Door Controls Any required additional Items	***SEE ATTACHED PRODUCT/DATA SHEETS*** ***(THESE DATA SHEETS ARE NOT INCLUDED IN THIS CONTRACT PACKAGE BUT ARE INCLUDED IN THE ORGINAL RFP RESPONSE)***
3. Detail how the system is non-proprietary	***All equipment and systems being proposed by USI, is manufactured by companies engaged in the production of commercial and industrial equipment that is available on the open market through national distribution channels irrespective to the systems installer or integrator. All proposed systems and equipment are from manufacturers that do not restrict support and sale of equipment based on affiliations and have an established base of third party service companies that support their product offerings. All system programming and configuration data will be properly documented and turned over to the facility for archival and/or use by other third party service companies at the facility's discretion without restriction. USI does not anticipate development or use of any software or hardware that is unique to our company that isn't available through the open market. Should the requirements of this project change or in consultation with the facility it is determined "custom" development is necessary, all design and/or source code would be and turned over to the facility at the close of the project. Our proposed***

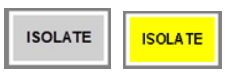
	solution is based on using Wonderware InTouch software for the touchscreen stations. The requisite programming for the PLC's is accomplished using ladder logic which most electrical and electronic technicians use on a regular basis. All subsystems and associated components are produced by major manufacturers who have been supplying products into the correctional and industrial marketplaces for many years and can be supported and serviced by third parties.
4. Sample GUI displays for end user operation	 **Showing ALL doors unsecure**

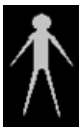
Please provide detailed PLC functionality descriptions including, but not limited to, the list below.

PLC Functionality	Vendor Response
1. How floor plans (multiple levels) are displayed on GUI 	***Touch screen stations with multiple screens or maps shall have TRAVEL icons located outside the graphic map area. By touching the desired Travel icon, the desired map will appear on the touch screen.*** ***Users can also travel using a KEY map Site Plan by touching or clicking any area or elevation on the map.*** ***When an alarm condition occurs in an area that is not currently displayed, the touch screen will display this information to the Task BAR or Event Que. This information includes the Alarm status of doors, intercom stations, duress, panic alarms and other***

PLC Functionality	Vendor Response
	***alarms in other areas. Touching the Alarm in the Task Bar or Event Que will cause the touch screen to travel to the map where the Alarm occurred.***
2. How the operator activates and engages cameras, doors and intercoms	***The cameras, doors and intercom control icons are graphically depicted on the touch screen maps at each location. Touching the desired system icon will cause the selected device to be activated and also cause the associated touchscreen icon to change state and color. Selected cameras will be brought up on a spot or incident monitor. See System Sections.***
3. How the system acknowledges alarms	***Activation of an alarm will cause an audible alarm to sound and the alarmed device icon on the touch screen will change state, color and start to flash. The audible alarm will sound until the operator "Silences" the alarm by touching the Silence icon on the touch screen TASK BAR. The alarm can only be reset after the operator touches the Acknowledge icon on the touch screen. This will cause the icon to return to its original state.***
4. Elevator controls	***Activation of the local elevator call button or card reader will cause an audible alarm to sound in the control room and cause the elevator SELECT icon to become active. Once the control room operator touches the elevator SELECT, a talk path to the local intercom staff station becomes opened and the local CCTV camera image in that area is brought up on the spot monitor. The control room operator then selects the desired floor icon where the elevator is to travel. Once the elevator car reaches the selected floor, the CCTV camera image located in the elevator lobby is brought up on the spot monitor. The control room operator can touch the reset icon at that point to cancel out the elevator SELECT function and return the spot monitor to a passive state.***
5. Door lock / unlock and door interlock  Swing Door Icons  Sliding Door Icon 	***Door lock icons are graphically depicted on the touch screen maps at their associated locations. The normal state of the icons will be indicated in green (secure). Touching the desired door "unlock" icon will cause the lock to unlock and will change the icon state and color from green to red (unsecure). Depending on the lock function, the operator may have to touch the "lock" function icon the cause the lock to return to the locked or secure position.*** ***Interlock: Door lock icons will be graphically***

PLC Functionality	Vendor Response
  	***depicted on the touch screen maps where two (2) or more remotely operated doors form a sallyport configuration ensuring that ONLY one door can be unsecured at a time.*** ***A yellow border around each door icon within the interlock group will illuminate when any door in the interlock group is unsecure. This indicates to the operator the status of all doors in the interlock group.*** ***Touching a door icon that is in an interlock group will cause a popup window to appear stating "THIS DOOR IS INTERLOCKED – PROCEED WITH OVERRIDE? "YES or NO". Touching the YES button will cause the popup window to disappear, and the Interlock Override function to become active. The operator must touch the INTERLOCK OVERRIDE icon prior to unlocking a second door within the interlock group. Touching the desired interlocked door icon while the Interlock Override is active will then unlock the door. Touching the NO icon will cause the popup window to disappear, and the Interlock Override function to cancel. Once a door icon within the interlock group is activated, the Interlock Override function will cancel. If no door icons are touched within 10 seconds of the confirmation, the interlock override function will also cancel.***
6. Camera call up functions  *Camera Icon* 	***Establishing video (CCTV) communications from touch screen stations is accomplished by touching the desired CCTV Camera icon graphically depicted on the touch screen maps. Selecting the CCTV Camera icon at the location of the desired camera will cause the icon to change colors and the selected CCTV Camera image will be displayed on the spot monitor or on the touch screen station in a pop up window.*** ***Touching the CCTV Camera icon a second time will cancel the camera image from the monitor and return the icon back to its passive color.***
7. Intercom/PA Icons Intercom Station Icons  Passive  Active Call-In	***Intercom: Establishing audio communications from touch screen stations is accomplished by touching the INTERCOM icon graphically depicted on the maps. This action will open the talk path between the two stations and change the visual status icon on the touch screen. If there is a CCTV camera viewing the area associated with the activated intercom station, its image shall automatically be displayed on the spot monitor when the talk path is***

PLC Functionality	Vendor Response
 Open Talk Path Paging Icon 	***established. The associated CCTV camera icon graphically depicted and located to cover the selected intercom station shall be indicated on the touch screen as active. If no camera is viewing that location, audio will be connected without video. Connecting to another intercom station will automatically cancel the previous connection. Repeating the operation will cancel the call. Pressing the PRESS-TO-TALK switch on the desk top microphone allows the operator to talk to the intercom station.*** ***Paging: The operator will select the desired paging zones on the touch screen maps for making general paging announcements. The operator will first touch the desired PAGE ZONE (Page All, Page Cells, Page Dayroom, Page, Exercise, Etc.) icon. The selected paging speaker icons will change color and state when active.*** ***To make an announcement the operator will press the push-to-talk switch on the desktop microphone and talk into the microphone. Once the page announcement has been made, de-select the page zone by touching the page zone icon again and the icon will return to its passive state.***
8. How System operator can temporarily disable specific intercom stations when needed *Task Bar*   	***Touching the Intercom ISOLATE icon located in the TASK BAR will cause the ISOLATE icon to change color. Once the ISOLATE icon has been activated, the operator can select desired Intercom Station icons to be isolated or removed from normal operation by touching the desired Intercom Station icons on the map. Reversing this sequence of operation will return the Intercom Station icons to its normal state. The associated Intercom icon shall have a yellow "X" indicating when the intercom station has been isolated. Selecting the Intercom ISOLATE function icon first, then the desired intercom station will turn any Intercom ISOLATED Icon that is currently "ON" to its "OFF" state and allow incoming calls from intercom stations.***
9. How System operator can temporarily disable specific alarms when needed 	**Touching the ISOLATE icon located in the TASK BAR will cause the icon to change from gray to yellow. Once the Isolate icon has been activated, the operator can select the desired system device icon to be isolated or removed from normal operation by touching the desired icons on the touchscreen map.**

PLC Functionality	Vendor Response
Controlled Door  *Monitored Door*  *Intercom Station* 	**A yellow "X" on the DEVICE icon indicates the Alarm is Isolated from causing an Alarm. Reversing this sequence of operation will return the system device to its normal operation.**
10. Duress / Man Down alarms  Passive Mandown Alarm  Active Mandown Alarm	***Touch screen stations having a Duress/Mandown Alarm shall have the duress receiver icons graphically depicted on the touch screen maps. Duress alarm receivers located in the ceilings of areas such as dayrooms, corridors, cells, and exercise areas are monitored by the touch screen control station. Activating the Duress alarm transmitter will cause the pushbutton to latch down and set off the alarm receiver for that area and a Duress/Mandown Alarm signal will be sent to the control room. Activating a Duress alarm will sound an audible tone in the control room and the receiver icon in alarm will begin to flash red. The operator will Acknowledge the alarm and the silence the audible tone. The Duress transmitter pushbutton must be reset in order to reset Duress alarms on the touch screens.*** ***If there is a CCTV camera viewing the area associated with the activated duress/mandown receiver, its image shall automatically be displayed on the spot monitor when the duress alarm is activated and acknowledge by the operator. The associated CCTV camera icon graphically depicted and located to cover the area in Duress alarm shall be indicated on the touch screen as active.*** ***Also, If there is an intercom station in the area associated with the activated duress/mandown receiver, its talk path shall automatically be opened when the operator acknowledges the alarm, allowing the operator to listen and verbally address the situation when the duress alarm is activated and acknowledge by the operator. The associated intercom station icon graphically depicted and located in the Duress alarm area shall be indicated on the touch screen as active.***
11. Inmate panic / door open buttons	***Touch screen stations having inmate panic/door open buttons shall have the button icons graphically depicted on the touch screen maps located in the areas such as dayrooms, cells, corridors and exercise areas that have inmate access. Activation of these pushbuttons shall cause an audible tone to sound on the touch screen and the associated icon to change***

PLC Functionality	Vendor Response
	colors and flash. ***If there is a CCTV camera viewing the area associated with the activated panic/door open button its image shall automatically be displayed on the spot monitor when activated and acknowledge by the operator. The associated CCTV camera icon graphically depicted and located to cover the panic/door open button shall be indicated on the touch screen as active.*** ***If there is an intercom station in the area associated with the activated panic/door open button, its talk path shall automatically be opened when the operator acknowledges the alarm, allowing the operator to listen and verbally address the situation when the panic/door button is activated and acknowledge by the operator. The associated intercom station icon graphically depicted and located in the alarmed area shall be indicated on the touch screen as active.***
12. Lighting controls  	***This feature allows the operator to turn lights and TV receptacles ON/OFF individually or in groups. The operator shall select the UTILITY CONTROL function icon located in the TASK BAR located on the touch screen. Activating the UTILITY CONTROL icon shall cause the LIGHTS and TV Receptacles matrix to be displayed. The operator then selects the desired control function resulting in the display of group ON/OFF icons. The operator has 3 seconds (adjustable) to turn the selected group of devices ON or OFF. The ON/OFF icons shall change from gray (OFF) state to yellow (ON).***
13. Electrical receptacle controls	***This function is included in the above Lighting Controls***
14. Emergency procedures  	***Touching this DURESS icon on the touch screen map will cause a pop up Duress Confirmation window to appear on the screen, "*****ARE YOU SURE***** "YES or NO". If you want to disable the Control Station, selecting YES will immediately disable all control functions at this touch screen station, and the touch screen monitor will show "Control Panel Disabled". Selecting NO will cancel the Duress Confirmation window.*** ***The touch screen will be disabled and will display CONTROL STATION DISABLED a red text. Control can only be restored only by a Supervisor with "high level" LOG-IN credentials from another touch screen control station.***

PLC Functionality	Vendor Response
15. How system displays door status (secure, unsecure, forced entry, etc.)  *Door Secure*  *Door Unsecure*  *Unauthorized Access*	***The Door icon is green and the lock hasp is closed when the door is closed and secured. "G15" is the Door number.*** ***The DOOR icon shall change from green to red and the lock hasp is open when the Door Position Switch (DPS) or the Latchbolt Status Switch (LSS) indicates the door is unsecure. The lock hasp will be shown red and in the open position when the DPS, LBS or the unlock relay is energized. "A" indicates alarm.*** ***Unauthorized Access (UA) Alarm (forced entry): If the door is forced open or opened manually with a key, the DOOR icon shall change from green to red with the hasp open, in addition, an "A" symbol inside the door icon shall be shown as red and will sound an audible ALARM tone in the control room. When the door is secured, the ALARM and Tone can be silenced by touching the SILENCE and RESET icons located in the Task Bar at the bottom of the touch screen. "UL" indicates unlocked.***

Assumptions and Constraints

Unique Security Inc.'s (USI) first priority will be to hold a 2 or 3 day meeting with the jail administration and operational staff in order to gain a full understanding of the staffs concerns, issues and needs. This meeting would also be used to discuss our approach to the project and implementation plan to replace the existing equipment and systems. We would expect honest and open input from the jail staff and LFUCG administration from an operational and functionality point of view. USI believes the operational and maintenance staff must be actively involved in the entire process in order to restore confidence in the security control system for the operations staff as well as exceed the stakeholder's expectations.

Our main concern with the stability of the existing system is the entire security system is totally dependent on the existing Stanley "Informer" server continuing to operate and function as originally intended. The main solution of our proposal is to illuminate all proprietary and obsolete equipment that are no longer supported on the open market or by a third party maintenance company.

As previously mentioned, all sub-system operational and functionality is completely dependent on the" Informer" Server being online and operational. The facility's entire security control operation (HMI/Touchscreen Control Stations) monitors and controls all sub-system functions including locking control, card access, intercom/paging, CCTV cameras and recording system, duress (mandown) and other security alarms and event logging. Reliable operation of these systems is currently and totally dependent on the "Informer" being operational and serviceable. As the Informer is a "proprietary" software package and the heart of the system, it will be critical to replace all of the existing officer control station CPU's with the latest Dell PC's loaded with off-the-shelf Windows 10 Professional OS with Wonderware Intouch touchscreen interface software. We will also have to replace the existing Allen Bradley PLC's with the latest Omron CS Series PLC's in order to stabilize the interface directly with each of the sub-systems.

USI's methodology is to systematically (in coordination with the jail staff) replace the existing Touchscreen control stations and PLC equipment and finalize the new interfaces for the sub-security systems, test and commission the new system in sequenced and logical manner in concert with the operational staff.

Pricing Matrix and Terms

For this price estimate, please provide pricing and description information for your solution components. Descriptions for non-service items should include product name, quantity, and version/release. Prices should be stated in U.S. dollars and offered for at least 90 days.

Solution Component	List or Description	Est. Price
Hardware		
Access Management	*(45) Abba Logic MAC4R Access Panels and Hardware* *(1) Dell Server CPU & Monitor* *(3) Access Workstation Dell OptiPlex CPU's and Printers* *(10) Spare Readers*	*$51,760.50* *$3,685.00* *$13,145.00* *$1,694.00*
Video Management (including the 388 cameras referenced in Addendum A: Inventory of Camera Locations and Types)	*(333) Bosch NIN-63023-A3 Fixed MiniDome Cameras and Mounts* *(43) Bosch NIN-73023-A3AS Ceiling Mounted Interior PTZ's* *(12) Bosch VG5-7230-EPC5 Exterior Wall or Pole Mt. PTZ's* *(10)Bosch DIP-71F4-16HD Storage Arrays & Server* *(4) Bosch Video Workstations* *(6) 48" Video Wall Monitors*	*$176,437.80* *$53,796.66* *$28,214.43* *$116,399.10* *$14,969.50* *$17,447.28*
Integration (any hardware required to enable interoperation between Access and Video Management)	*(29) Comnet CNGEFX2TX24MSPOE1 26 Port Network Switches and SFP Fiber Modules & Core Switch*	*$129,239.00*
Infrastructure (including the required wiring and mounting hardware for the 783 camera locations referenced in Addendum B: Inventory of Planned Video Camera Infrastructure for Current and Future Cameras)	*(783) CAT 6 Cables, Fiber Cables, and mounting hardware* *(16) Comnet CNGEFX2TX24MSPOE1 26 Port Network Switches and SFP Fiber Modules*	*$75,000.00* *$45,232.00*
Touchscreen Door Control, Utilities, & Misc. Control (including the required wiring and mounting hardware of Headend Equipment for all 26 Stations	*(26) EloTouchsystems 24" Touchscreen Monitors & CPU's*	*$77,055.00*
PLC Door Control, Utilities, & Misc. Control (including the required wiring and mounting hardware of Headend Equipment for all 5 Systems Eq. Rooms	*(5) Omron PLC System Headend Equipment Locations including Relay & Input Control Boards*	*$157,605.00*
Intercom & Paging System (including the required wiring and mounting hardware of Headend Equipment for all 5 Systems Eq. Rooms	*(5) Harding Intercom System Headend Equipment Locations Including Touchscreen Mic's*	*$237,205.96*
UPS System (including the required wiring and mounting hardware of Headend Equipment for all 5 Systems Eq. Rooms	*(5) Eaton FE Series UPS Units for SEC Eq. Rooms 1- 5* *(26) Eaton Small UPS Units for Touchscreen CPU's*	*$76,257.00* *$14,300.00*

Solution Component	List or Description	Est. Price
Total Hardware Price		*$1,289,443.23*
Software		
Access Management	*Abba Logic MASC-SVR2*	*$7,304.00*
Video Management (enabling or managing data from the 388 cameras referenced in Addendum A: Inventory of Camera Locations and Types)	*Bosch BVMS Video Management Software and Licenses for the 388 cameras being installed & Workstations*	*$65,930.00*
Integration (any software required to enable interoperation between Access and Video Management)	*(26) Wonderware InTouch Software & Licenses* *(1) Omron PLC Programming Software Package*	*$124,461.70* *$4,383.00*
Infrastructure (any software required to enable or manage the infrastructure for the 783 camera locations referenced in Addendum B: Inventory of Planned Video Camera Infrastructure for Current and Future Cameras)	*Bosch BVMS Video Management Software and Licenses for the additional 395 future planned cameras*	*$36,498.00*
Any other required software (please describe and itemize)		
Total Software Price		*$238,576.70*
Services		
Access Management (installing, configuring and testing software and hardware)		*$15,178.00*
Video Management (installing, configuring and testing software and hardware for the 388 cameras referenced in Addendum A: Inventory of Camera Locations and Types)		*$75,000.00*
Integration (any services required to enable interoperation between Access and Video Management)		*$110,000.00*
Infrastructure (installing, configuring and testing software and hardware for the 783 camera locations referenced in Addendum B: Inventory of Planned Video Camera Infrastructure for Current and Future Cameras)		*$1,080,000.00*
Development and testing of all required interfaces		*$45,000.00*
Project Management		*$120,000.00*
All required application development services		*$245,940.43*
All required training services		*$25,000.00*
All required support services		*$33,000.00*
Any other required services (please describe and itemize)		*N/A*
Travel and living expenses		*$145,702.50*
Total Services Price		*$1,894,820.93*

Solution Component	List or Description	Est. Price
Total Lump Sum Price For USI Solu		
Total Lump Sum Price	Total USI Solution	***$3,422,840.86***
Total Price for year 1	*Standard Preventive Maintenance Contract - 4 trips/yr.*	***$48,451.00***
Total Price for year 2	*Standard Preventive Maintenance Contract - 4 trips/yr.*	***$48,451.00***
Total Price for year 3	*Standard Preventive Maintenance Contract - 4 trips/yr.*	***$53,196.00***
Total Price for year 4	*Standard Preventive Maintenance Contract - 4 trips/yr.*	***$53,196.00***
Total Price for year 5	*Standard Preventive Maintenance Contract - 4 trips/yr.*	***$58,742.00***
Total Price for year 6	*Standard Preventive Maintenance Contract - 4 trips/yr.*	***$58,742.00***
Total Price for year 7	*Standard Preventive Maintenance Contract - 4 trips/yr.*	***$64,242.00***
Total Price for years 1-7		***$385,020.00***
Estimated costs of any required hardware and software refresh for Years 1 – 7 not included in the pricing above		
Hourly Rate for Post-Warranty Support Services (valid for one year after warranty expiration)	***Post-Warranty Support Services On-site***	***$125.00***
On-going support costs (licenses, annual maintenance, etc.). Please identify and price each component.	***Bosch BVMS Video Management Software and Licenses SMA 1 Year Agreement for 783 Cam***	***$18,000.00 Per year***
Number and description of Full Time Employees required by Lexington-Fayette Urban County Government for system configuration, testing and implementation	***1 - Electronic Technician with PLC Experience 3 – Electronic Technicians***	***4***
Required Skill sets and number of Full Time Employees required by Lexington-Fayette Urban County Government for operation, administration and maintenance	***1 - Electronic Technician with PLC Experience 3 – Electronic Technicians with CCTV System & VMS Experience***	***4***

Note: The scoring of the Pricing component of this RFP will be calculated as follows:
The *Total Price for years 1 – 7* submitted by all responding vendors will be added and then averaged. Each vendor's *Total Price for years 1 – 7* will be compared to that average price and ranked by its proximity, positive or negative, to the average price. The Pricing component with the closest proximity to the average price will receive the highest ranking.

EXHIBIT B

PAYMENT TERMS

The **Total Furnished and Installed Price of $ 3,422,840.00** is the Contract Price that shall be paid upon the later of (1) the completion of the Project and acceptance by the LFUCG of each area or phase of the project, and (2) thirty (30) days after receipt of the Contractor's invoice by the LFUCG.

Each invoice shall include the following: an invoice number, the dates covered by the invoice and a summary of the work performed. Invoices are to be submitted once a month and payment terms shall be NET 30 days after acceptance of the Goods and Services by the LFUCG.

The Contractor shall be responsible for all expenses incurred while performing the services under this Contract.

Schedule of Values for Billing Purposes:

5% ($171,142) of the contract value to be invoiced and paid at the execution of this Contract

10% ($342,284) of the contract value to be invoiced and paid after engineered shop drawings are approved by the LFUCG's

25% ($855,710) of the contract value to be invoiced and paid after materials, equipment and parts are received at the contractor's facility or the LFUCG's storage facility.

$52,500	Network
$153,300	PLC
$153,300	CCTV Headend
$183,400	CCTV Cameras
$52,500	Card Access
$150,500	Intercom
$57,400	UPS
$110,210	HMI Stations

50% ($1,711,420) of the contract value shall be invoiced and paid based on the installation, testing, completion and acceptance by LFUCG activities for each Unit/HMI Control area. $65,823 for each control station based on a total of 26 HMI stations (3 Master Control, 23 Local Control)

10% ($342,284) of contract value to be invoiced and paid after 90 consecutive calendar days of error-free operation at mutually agreed upon levels of performance, LFUCG can declare Acceptance, with the option to declare Acceptance within these 90 days.

Note: ( ) dollar amounts are for reference purposes only.