

July 11, 2016

**BOARD OF COUNTY COMMISSIONERS  
ORANGE COUNTY, FLORIDA**

**IFB #Y16-618-TA  
Lenel Access Control System Upgrade**

**ADDENDUM NO.3**

This addendum is hereby incorporated into the Invitation for Bids document. The following items are clarifications, corrections, additions, deletions and/or revisions to and shall take precedence over the original documents. Additions are indicated by underlining, deletions are indicated by ~~strikethrough~~.

1. The bid due date and time is been modified as follows:

NOTICE IS HEREBY GIVEN that the Board of County Commissioners of Orange County, Florida, henceforth referred to as the County is accepting sealed bids for:

Lenel Access Control System Upgrade for Orange County Corrections Booking and Releasing Center (BRC)

Sealed bid offers in an original and three (3) copies for furnishing the above will be accepted up to 2:00 PM (local time), Tuesday, ~~July 12~~ August 16, 2016 in the Procurement Division, Internal Operations Centre II, 400 E. South Street, 2nd Floor, Orlando, FL 32801.

2. Paragraph 2 of the General Terms and Conditions is modified as follows:

**2. QUESTIONS REGARDING THIS SOLICITATION**

All questions or concerns regarding this Invitation for Bids shall be submitted by email to [Tracy.Attenasio@ocfl.net](mailto:Tracy.Attenasio@ocfl.net), no later than 5:00 PM ~~Tuesday, July 5th~~ July 19, 2016 to the attention of Tracy Attenasio, Procurement Division, referencing the IFB number.

3. Special Terms and Conditions, Pages 15-19, and 25 are deleted in their entirety and are being replaced with pages **15A-19A**, and **25A**, as attached.
4. Scope of Services, Pages 26-44, are deleted in its entirety and are being replaced with pages **26A-44A**, as attached.
5. Bid Response Form, pages 45-50, is deleted in its entirety and is being replaced with revised Bid Response Form, pages **45A-50A**, as attached.
6. Attachment F, Reader Report is hereby incorporated into the Invitation for Bids Document, as attached.

## Question and Answers

- A. Question: Does the Contractor need to install End of Line Resistors?

Answer: No, the Contractor does not need to install End of Line Resistors.

- B. Question: Is the Contractor responsible for maintenance of the existing system? If yes, can we get equipment inventory?

Answer: No, the Contractor is not responsible for maintenance of the existing system.

- C. Question: Do we quote exact as per pricing sheet, what if we need any additional items to make it complete?

Answer: Please refer to General Terms and Conditions, Paragraph 12, Bid Forms and Special Terms and Conditions, Paragraph 24, Estimated Quantities.

- D. Question: Does the Contractor provide any integration with the elevator? Who is the elevator manufacturer?

Answer: Yes, the Contractor does provide integration with the elevator. Elevator manufacturer is Thyssen/Krupp.

- E. Question: Is there any integration with CCTV, Fire and Intrusion required or does the bidder just quote as per the pricing sheet?

Answer: There is no integration required for the CCTV, Fire and Intrusion. Bidder is to provide a bid response in accordance with the terms, conditions, and specifications of the Invitation to Bids #Y16-618-TA. Bidder is to refer to the General Terms and Conditions, Paragraph 12, Bid Forms and to refer to the revised bid form pages, 45A-50A.

- F. Question: The Lenel Software PRO-64RUP 64 channels add on license quantity specified is 46 on the price sheet. Total number of readers would be 2944 readers. As per our site visit and counts listed on pricing sheet total no of reader are approximately 360. Please confirm that this is the correct quantity that you wish to be quoted?

Answer: Please refer to revised bid form pages. The number of licenses is a total of 384. The number of readers is provided in Attachment F.

- G. Question: Will Permits need to be pulled for this project? If yes, will the time for completion begin after permits are completed?

Answer: Yes, an electrical, low voltage permit will need to be pulled. The required permit and applicable permit fees are specified under revised page 17a, Paragraph 6 of the Special Terms and Conditions as set forth in Addendum 3. Time for completion begins upon receipt of purchase order. Time for completion has been modified from 50 calendar days to 90 calendar days as set forth in Addendum 3, revised page 18A, Paragraph 10.

- H. Question: What was the basis for the amounts of wire indicated in Lot C? And what unit of measure do the quantities pertain to for items 5, 6, 7, and 8?

Answer: No wires were listed in LOT C of the original bid form pages or are listed in the revised bid form pages. Unit of measure is specified on both the original and revised bid response form. Quantities listed on the bid form are estimated. Please refer to Special terms and conditions, paragraph 24, Estimated Quantities.

- I. Question: Will the bid due date be extended considering the question deadline and response turnaround?

Answer: The first extension was set forth in addendum 2 with a bid due date of Jul 12, 2016. In accordance with the modifications set forth in Addendum 3, the bid due date will be extended again until 2:00 P.M., Tuesday, August 16, 2016.

- J. Question: Please identify exactly what type of permit is required as there is no cabling of fire alarm interface of the system?

Answer: An electrical, low voltage permit will need to be pulled prior to start of services. The required permit and applicable permit fees are specified under revised page 17a, Paragraph 6 of the Special Terms and Conditions.

- K. Question: Who is responsible for server segmentation, if required?

Answer: No additional segmentation is required.

- L. Who will commission doors on the panels and controllers are migrated?

A: The Contractor is responsible for the commission of doors as outlined under revised page, 43A, Scope of Work, Section, VII, Final Acceptance Testing, Item A-6.

- M. Question: Will radios work in the building?

Answer: Yes, radios will work in the building.

- N. Question: Do PLC Point of Connections terminate in same I/O Enclosure as Access Control I/O?

Answer: Yes, PLC Point of Connections terminate in the same I/O Enclosure as Access Control I/O.

- O. Question: Will we receive a report from Identicard Database?

Answer: Yes, the cardholders and access levels are provided in Attachment F, CardReader Report. Attachment F is incorporated into the bid document.

P. What is the number of existing cardholders?

Answer: There are 1,756 existing cardholders.

Q. Where will the client be located?

Answer: The County can provide a client at the site (Booking and Releasing Facility).

R. Question: We queried Lenel if there is an "off the shelf" method to migrate the Identocard Database to Lenel OnGuard. It is our understanding that Orange County has successfully migrated an Identocard Database to Lenel OnGuard Previously and did not use Lenel Custom Solutions, is that a correct assumption?

Answer: No, Orange County has not done a migration in the past.

S. Question: Will the County accept pre-fabrication of Lenel Panels?

Answer: Yes, the County will accept pre-fabrication of Lenel Panels in accordance with the specifications outlined under the Scope of Work, Section VI, as set forth in revised page 29A.

T. Question: It may take three to four weeks to purchase and stage equipment following receipt of purchase order; consuming a quarter of the time available to deploy, install and commission. It may be more reasonable to start the 55 day clock following receipt of equipment.

Answer: Performance of Delivery has been modified from fifty (50) calendar days to ninety (90) calendar days from receipt of purchase order, as set forth in revised page 18A, Paragraph 10, PERFORMANCE.

U. Question: Is the bidder installing all enclosures in the same elevator control room?

Answer: No, the Contractor is not installing all enclosures in the same elevator control room. The Contractor will be installing the enclosures in the same communication room that was shown during the mandatory site visit.

V. Question: Elevator control - in page 43 they mentioned that each elevator will have one enclosure, one LNL-2220 and two LNL-1320. If all they want is actual control of the buttons we can use the LNL-1320 but no floor tracking. If they want elevator control and floor tracking we need to use LNL-1320 and LNL-1100. Please advise if they want floor control and tracking per CAB.

Answer: The County is removing LNL-2220 parts from the bid document as denoted by strikethrough on revised pages 43A, Section O. The County is instead, requiring LNL-1100 and 1200 in order to control what elevator button the user will have access to call, based to the corresponding access level.

Modifications to equipment part numbers are provided under revised pages 29A-42A, Section VII, Specifications. Please also refer to the revised bid form pages.

W. Question: Clarification on the reader licenses quantities. They have 46 but they only need 6, please advise.

Answer: Please refer to revised bid form pages. The number of licenses is a total of 384.

X. For Main System Power Enclosures and Elevator System - should we account for E8 enclosures or E4 enclosures or quote Qty. (14) of E8 and Qty. (14) of E4? How many Lenel Boards should be in each enclosure? 4,8,12, or 16? Are the power supplies dual voltage?

Answer: Per the revised bid form pages, the quantity listed is for a quantity of 14 enclosures total. The number of Lenel boards in each enclosure will vary based on the location for each Lenel Board and is determined by the manufacturer. For manufacturer details, please visit the Life Safety Power Website at: <http://lifesafetypower.com/>

Yes, the power supplies are dual voltage. They are 12/24 VDC.

Y. Question: Is the Contractor responsible for lock power supply as well or is it existing to be reused?

Answer: No, the lock power is supplied by the PLC.

Z. Question: For Elevator System Power Supplies Enclosure - should we account for E8 enclosures or E4 enclosures or quote Qty. (9) of E8 and Qty. (9) of E4? How many Lenel Boards should be in each enclosure? 4,8,12, or 16? Are the power supplies dual voltage?

Answer: Per the revised bid form pages, the quantity listed is for a quantity of 9 enclosures total. The number of Lenel boards in each enclosure will vary based on the location for each Lenel Board and is determined by the manufacturer. For manufacturer details, please visit the Life Safety Power Website at: <http://lifesafetypower.com/>

Yes, the power supplies are dual voltage. They are 12/24 VDC.

**ACKNOWLEDGEMENT OF ADDENDA**

a. The bidder shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later than the date and time for receipt of the bid.

b. Receipt acknowledged by:

\_\_\_\_\_

Authorized Signer

\_\_\_\_\_

Date Signed

\_\_\_\_\_

Title

\_\_\_\_\_

Name of Bidder

## **SPECIAL TERMS AND CONDITIONS**

### **1. MANDATORY PRE-BID CONFERENCE & MANDATORY SITE VISIT**

All interested parties are invited to attend a **Mandatory Pre-bid Conference** and **Mandatory Site Inspection** beginning on Tuesday, **June 7, 2016 at 9:00 A.M.**

**The Mandatory Pre-Bid Conference will be held at Orange County's Maintenance Room, located at 3733a Vision Blvd, Orlando, Florida 32839 on Tuesday June 7, 2016 at 9:00 A.M.**

Upon completion of the mandatory pre-bid conference, Bidder and County representatives will walk together to the **County Correction's Booking and Releasing Center located at 3855 South John Young Parkway, Orlando, Florida 32839 to conduct the mandatory site inspection.** Bidders will need to check in with security prior to entering the Booking and Releasing Center and will be required to show a copy of their valid driver's license.

Once bidders have arrived at the Correction's Booking and Releasing Center, the County's designee will provide a site inspection of the facility. Bidders are advised to make a thorough inspection of the scope. At this time, the County's representative will be available to answer questions relative to this Invitation for Bids. Any suggested modifications may be presented in writing to, or discussed with, the County's representative(s) at this meeting and may be considered by said representative(s) as possible amendments to the Invitation for Bids.

**Bidders who fail to attend and complete both the mandatory Pre-bid Conference and Mandatory Site Visit will be ineligible to compete for the award of a contract under this solicitation.** Site inspection requirement applies to ALL Bidders regardless of past knowledge and past visitations.

### **2. QUALIFICATION OF BIDDERS**

This bid will be awarded to a responsible, responsive bidder, qualified by experience to provide the work specified. The Bidder shall submit the following information with the bid:

- A. Provide a minimum of three (3) satisfactory references for accounts similar in size and scope of work within the last five (5) years where the Bidder has implemented a Lenel Access Control Upgrade or similar variation thereof. References shall indicate company name, address, contact phone number, email address, contract title, contract start and end date, contract award amount, type of facilities serviced, detailed description of work performed including if project deliverables were on schedule, and estimated square footage of facility and/or facilities serviced. Bidder shall use the reference sheets attached herein.

Similar accounts shall equate to the references where the facility and/or facilities serviced by the Bidder were a minimum of 5,000 square feet.

- B. Provide certification that Bidder is an authorized Value Added Reseller (VAR) and is authorized to sell Lenel hardware in the State of Florida at time of bid opening. Certification shall be valid at time of bid opening.

- C. Provide a detailed list of all personnel contemplated to perform the work, by name and title.
1. All listed technicians shall be both Lenel and Identipass certified. Copies of both certifications for each listed technician shall be included with the bid response.
  2. Detailed list shall also demonstrate that the Bidder has a staff that collectively holds a minimum of one (1) certification in the following categories:
    - a) Lenel Certified Associate (LCA)
    - b) Lenel Certified Professional (LCP)
    - c) Lenel Certified Expert (LCE)
    - d) Lenel Certified Design Architect(LCDA)
- D. Provide assigned Project Manager's contact information including but not limited to: Name, title, comprehensive resume, office phone number, cell phone number, email address. Resume shall demonstrate that the assigned Project Manager has a minimum of five (5) years of similar work experience.
- E. Provide a detailed quality control plan to ensure all work performed is in accordance with all applicable standards, rules, and regulations and that all work is performed without delays.
- F. Provide a detailed list of all equipment, material and parts used to complete the work specified. Detailed list shall include manufacturer, part number, description of item, including if Lenel panels are pre-fabricated, and quantities to be supplied by Bidder.
- G. Provide a copy/copies of current license(s) that show that the Bidder or a principal in the firm is licensed to contract the scope of work in Orange County.

**Failure to submit the above requested information may be cause for rejection of your bid.**

The determination on whether a bidder is responsible or not shall be at the sole discretion of the County. Although the County may request the submission of a minimum number of contracts similar to the requirements of this solicitation with certain minimum dimensions, quantities, dollar values, etc., the County's determination of a bidder's responsibility shall not be solely based on the number of similar procurements the bidder provides but the entirety of the bidder's qualifications.

**3. AS SPECIFIED**

All equipment delivered shall meet the specifications herein. Equipment not delivered not as specified shall be returned at no expense by Orange County. The County may return, for full credit, any unused goods received which fail to meet the County's performance standards. Replacement goods meeting specifications shall be submitted within a reasonable time after rejection of the non-conforming goods.

**4. INFORMATION AND DESCRIPTIVE LITERATURE**

**For items bid in Lots B and C**, Bidders shall furnish all information requested and in the space provided on the bid form. Each Bidder offering an equal to the brand(s) specified or if no brand is specified shall submit with their bid, descriptive literature and detailed specifications that allow for a side by side comparison covering each product offered for the County to determine if such item(s) meets or exceeds the brand being substituted for.

Reference to literature submitted with a previous bid shall not satisfy this provision. Bids which do not comply with these requirements may be rejected.

**5. SAMPLES**

**For items bid in Lot B only**, Bidders shall submit with their bid a sample of each proposed equivalent for a quality comparison without cost to the County. Each sample provided with bid shall identify the bid item number, brand, manufacturer and model number on the sample.

**6. LICENSES AND PERMITS**

A. Bidders to be considered for contract award under this Invitation for Bids shall be either “registered” or “certified” by the State of Florida, Department of Professional Regulation and licensed by all other federal, state, county or municipal agencies which may have jurisdiction over the type of work to be performed under this solicitation.

B. Required licenses shall be in the Bidder’s name as it appears on the Bid Response Form. Bidder shall supply appropriate license numbers, with expiration dates, as part of their bid. Failure to maintain and provide proof of proper licensing, certification and registration may be grounds for rejection of the bid.

C. Upon notification, the Bidder shall provide copies of all applicable licenses.

D. In compliance with the Public Bid Disclosure Act, Section 218.80, Florida Statutes, each permit, license and/or fee applicable to this work/project that will be either be pay by the Contractor or by the Orange County Board of County Commissioners as specified below:

- 1.) Electrical, Low Voltage Permit Fee at a cost of \$1,283.00
- 2.) Plan submittal fee at a cost of \$424.00

The Contractor shall procure and pay for all permits and licenses, charges and fees and give all notices necessary and incidental to the due and lawful prosecution of the work. The cost of all permits, fees, etc.; shall be included in the bid price except where noted otherwise in the specifications or other bid documents

The Orange County Government Fee Directory, incorporated herein by reference, contains a list of licenses, permits and fees that may apply to this project.

The fee directory link “Fees” is available at:  
<http://www.orangecountyfl.net/portals/0/resource%20library/open%20government/FeeDirectory.pdf>

Bidders shall review all applicable licenses, permits and fees and contact the applicable agency if there are any questions



**7. BID ACCEPTANCE PERIOD**

A bid shall constitute an irrevocable offer for a period of ninety (90) days from the bid opening date or until the date of award. In the event that an award is not made by the County within ninety (90) days from the bid opening date, the Bidder may withdraw their bid or provide a written extension of their bid.

**8. AWARD**

Award shall be made on an "All-or-None Total Bid", to the lowest responsive and responsible Bidder. Bidder shall bid on all Lots to be considered. If the Bidder fails to respond, they will be considered non-responsive.

**9. POST AWARD MEETING**

Within **Seven (7)** days after receipt of notification of award of bid, Contractor shall meet with the County's representative(s) to discuss the following:

- scheduling of services
- security procedures, including scheduling of background checks

**10. PERFORMANCE**

**Timely performance is of the essence in the award of this Invitation for Bids.** Performance shall be no later than ninety (90) ~~fifty (50)~~ calendar days from receipt of purchase order Bids which fail to meet this requirement shall be rejected.

It is hereby understood and mutually agreed to by and between parties hereto that the time of performance is an essential condition of this contract.

Should the Contractor neglect, fail or refuse to provide the services within the time herein specified, then said Contractor does hereby agree as part of the consideration for the awarding of this contract, to pay Orange County the sum extended by the County to contract for like services approved by the Procurement Division for the period from the required scheduled commencement date until performance of services covered in the Invitation for Bids is completed.

The Contractor shall, within **One (1)** calendar days from the beginning of such delay, notify the Manager, Procurement Division in writing of the cause(s) of the delay.

**11. TERMINATION**

**A. Termination for Default:**

The County may, by written notice to the Contractor terminate this contract for default in whole or in part (delivery orders, if applicable) if the Contractor fails to:

1. Provide services that comply with the scope of work/services herein or fails to meet the County's performance standards
2. Perform the services within the time specified in this contract or any extension.
3. Make progress so as to endanger performance of this contract

4. Perform any of the other provisions of this contract.

Prior to termination for default, the County shall provide adequate written notice to the Contractor through the Manager, Procurement Division, affording the opportunity to cure the deficiencies or to submit a specific plan to resolve the deficiencies within ten (10) calendar days (or the period specified in the notice) after receipt of the notice. Failure to adequately cure the deficiency shall result in termination action. Such termination may also result in suspension or debarment of the Contractor in accordance with the County's Procurement Ordinance. The Contractor and its sureties (if any) shall be liable for any damage to the County resulting from the Contractor's default of the contract. This liability includes any increased costs incurred by the County in completing contract performance.

In the event of termination by the County for any cause, the Contractor shall have, in no event, any claim against the County for lost profits or compensation for lost opportunities. After a receipt of a Termination Notice and except as otherwise directed by the County the Contractor shall:

1. Stop work on the date and to the extent specified.
2. Terminate and settle all orders and subcontracts relating to the performance of the terminated work
3. Transfer all work in process, completed work, and other materials related to the terminated work as directed by the County.
4. Continue and complete all parts of that work that have not been terminated.

If the Contractor's failure to perform the contract arises from causes beyond the control and without the fault or negligence of the Contractor the contract shall not be terminated for default. Examples of such causes include (1) acts of God or the public enemy, (2) acts of a government in its sovereign capacity, (3) fires, (4) floods, (5) epidemics, (6) strikes and (7) unusually severe weather.

**B. Termination for Convenience:**

The County, by written notice, may terminate this contract, in whole or in part, when it is in the County's interest. If this contract is terminated, the County shall be liable only for services rendered and accepted. The County Notice of Termination shall provide the Contractor thirty (30) calendar days prior notice before it becomes effective. **A termination for convenience may apply to individual delivery orders, purchase orders or to the contract in its entirety.**

**12. COMPLIANCE WITH OCCUPATIONAL SAFETY AND HEALTH**

By submission of a bid in response to this solicitation, the Bidder certifies that all material, equipment, etc., contained in their bid meets all OSHA requirements. Bidder further certifies that if they are the awarded Contractor, and the material, equipment, etc., delivered is subsequently found to be deficient in any OSHA requirements in effect on date of delivery, all costs necessary to bring the material, equipment, etc., into compliance with the aforementioned requirements shall be borne by the Contractor.

**13. CODES AND REGULATIONS**

The Contractor shall strictly comply with all Federal, State and local codes and regulations.

**23. REFERENCES**

A contact person shall be someone who has personal knowledge of the Bidder's performance for the specific requirement listed. Contact person shall have been informed that they are being used as a reference and that the County may be contacting them. More than one person can be listed but all shall have knowledge of the project. The reference shall be the owner or a representative of the owner. Contractors who provided services under the referenced project (contract) shall not be accepted as references. **DO NOT** list principals or officers who shall not be able to answer specific questions regarding the project. Failure of references listed to respond to the County's inquiries may negatively impact the responsibility of the Bidder.

**24. ESTIMATED QUANTITIES**

The number of equipment and/or parts specified in the scope of work and/or the bid response form are only estimates. Bidders shall be responsible for their own measurements and shall submit a firm price accordingly. There shall be no adjustments, for increase or decrease, of the number of equipment and/or parts required for the job; therefore, the total offer shall be based on accurate quantities by Bidders during inspection. Failure to do so shall be at Bidder's risk. Any request for unit prices on the Bid Response Form is for information only. Award shall be based solely on "Total Bid", with no adjustments made for increased/decreased quantities after award.

**25. ATTACHMENTS**

The following attachment is attached to, and made a part of this Invitation for Bids:

- A. Attachment A- 1<sup>st</sup> Floor
- B. Attachment B- 2<sup>nd</sup> Floor
- C. Attachment C- 3<sup>rd</sup> Floor
- D. Attachment D- 4<sup>th</sup> Floor
- E. Attachment E- Roof Plan
- F. Attachment F- Reader Report

## **SCOPE OF SERVICES**

### **I. OVERVIEW**

The County requires an upgrade to the existing Identocard/IdentiPass Access Control System to a Lenel OnGuard Manufactured Access Control System Version 7.0 for Orange County's Corrections Booking and Releasing Center.

Orange County's Corrections Booking and Releasing Center includes four floors, with a total of fourteen (14) communications rooms and nine (9) elevator controls to be upgraded.

The Contractor shall perform the following services, as further specified herein:

1. Replace obsolete Identipass access control System with a new Lenel Mercury based access control system with utilizing Lenel Onguard 7.0.
2. Replace existing Identipass infrastructure with new Lenel Onguard Mercury based infrastructure equipment;
3. Existing proximity card readers shall remain in use;
4. Existing wiring shall be used for the new Lenel Access Control System;
5. Existing wiring shall be used for the new Lenel Access Control System;
6. Programming the new access control system panels into the new Access Control System;
7. Add corresponding floor plans to the Access Control System that will be provided by Orange County

Orange County has standardized on the Lenel Onguard security platform for access control.

The Contractor shall furnish all labor, supervision, equipment, licensing, permitting, and provide all operations for a complete Lenel access control system upgrade.

### **II. SCHEDULING REQUIREMENTS**

#### **A. Working Hours**

All work performed by the Contractor and/or the Contractor's staff shall be conducted during normal business hours, Monday through Friday, 8:00 A.M through 5:00 P.M, EST. No additional compensation will be paid by the County for any overtime work performed by Contractor personnel or for any work performed outside normal business hours, as defined above.

The Contractor shall maintain office hours of 8:00 A.M to 5:00 P.M Monday through Friday with office personnel capable of coordination of services.

#### **B. Project Manager**

The Contractor shall assign a project manager with a minimum of five (5) years of similar work experience to oversee all work performed as a result of this contract and the quality of said work. The assigned project manager shall make all necessary inspections and/or corrections. The assigned project manager will act as a liaison for the Contractor and will act as the main point of contact for any questions or concerns regarding work provided by Contractor.

The assigned project manager shall be available Monday through Friday, 8:00 A.M. to 5:00 P.M and have a readily available communication device.

### C. Inspection and Direction

The work shall be conducted under the general direction of Laura Bibb, Network Services Provider.

### D. Project Schedule

During the post award meeting, as outlined under paragraph 6 of the Special Conditions, the Contractor shall provide a complete sequence of the work by activity and show the beginning and completion of each major element identified below.

The schedule to be provided shall include the critical path for time required for:

a. submittal of drawings and permitting

b. ordering

c. delivery

d. installation

e. inspections of all materials or equipment to complete the work on time.

An updated schedule, if the progress of work changes, shall be submitted to the designated County representative for review and approval. Any changes to the schedule that will cause time for completion to extend beyond fifty (50) days (as referenced in paragraph 10 of the Special Conditions) will require a contract modification to be signed by both parties.

### E. Coordination of Work

Orange County Corrections Booking and Releasing Building is located at 2450 33rd St, Orlando, FL 32839. There are a total of four (4) floors with fourteen communication (14) rooms that will require site work as specified herein.

In addition to aforementioned work sites, the Contractor shall also work on any other areas in the vicinity requiring modifications in order to provide for a complete Level Access Control System Upgrade including but not limited to elevator systems.

It is the County's intent for work to be completed one floor at a time, starting with the fourth (4th) floor. Upon completion of all work to be completed on the 4th floor, the Contractor shall then begin work on the third (3rd) floor and so forth. In the event there is other work to occur in the vicinity of the work site(s) during the course of the performing the work under this contract, the Contractor shall cooperate fully so as to eliminate or minimize the creation of conflicts. Adjustments from time to time may be required in the Contractor's work location and/or schedule provided a reasonable notice is given by the County project manager.

**Installation shall not begin until the post award meeting has been completed, permits are submitted and approved by the County, and the drawings are submitted and approved by County Project Manager or authorized designee.** At a minimum, drawings shall indicate the location of equipment to be installed. All costs associated with obtaining approved permits shall be included in unit bid prices as detailed in the Special Terms and Conditions, Paragraph 6.

## **III. PERSONNEL REQUIREMENTS**

### A. Background Checks

The Contractor's assigned technicians and/or subcontractors shall be required to undergo Level II background checks prior to start of work. Background checks will be performed by Orange County Corrections. The Contractor shall be responsible for any costs associated with performing the required background checks and shall be arranged during the post award meeting, as outlined in paragraph 9 of the Special Conditions.

## B. Supplied Equipment

The Contractor's assigned technicians shall be supplied all necessary equipment to perform specified services proficiently at the Contractor's expense. Examples may include but not be limited to personal protective equipment.

## C. Certifications

All assigned technicians to perform services shall be both Lenel and Identipass certified to allow for migration between the two systems. The Contractor shall have and maintain for the life of this contract a staff that collectively holds a minimum of one (1) certification in the following categories:

- a) Lenel Certified Associate (LCA)
- b) Lenel Certified Professional (LCP)
- c) Lenel Certified Expert (LCE)
- d) Lenel Certified Design Architect(LCDA)

## **IV. EQUIPMENT AND WORK PERFORMANCE STANDARDS**

All equipment and materials provided shall be new and unused and of the most current model or revision. All components of this system shall be installed in a workmanlike manner, following security industry "best practices" and in strict adherence to the manufacturer's specifications and applicable codes.

The Contractor shall have a quality control program in place whereas to ensure all work is performed in accordance with the requirements outlined in this Invitation to Bids and that all work is performed without delays.

The scope of the specifications is to ensure the delivery of a complete unit ready for operation. Omission of any essential detail from the specifications does not relieve the supplier from the furnishing of a complete unit.

## **V.WARRANTY PROVISIONS**

### A. Equipment and Labor

The Contractor shall warrant all equipment, materials, and labor furnished or performed under this Contract, against defects in design, materials and workmanship for a period of twelve (12) months (unless longer guarantees or warranties are provided elsewhere by the equipment manufacturer, in which case the longer periods of time shall prevail) from and after Final Completion of Work under the Contract, regardless of whether the same were furnished or performed by Contractor or by an of its subcontractors of any tier.

Upon receipt of written notice by the County of any defect in any such equipment, materials, or labor during the applicable warranty period, due to defective design, materials, or workmanship, the affected item or parts thereof shall be redesigned, repaired, or replaced by the Contractor at a time and in a manner acceptable to the County at no additional costs, including work performed outside normal business hours or during nationally recognized holidays.

The Contractor shall respond to such notifications within four (4) hours from time of receipt and schedule a site visit to be performed within twenty-four (24) hours.

In the event there is a critical situation where the public safety is at risk as solely determined by the County, the Contractor shall respond to such notifications and be on County site to review the critical matter within four (4) hours from time of receipt.

The Contractor warrants such redesigned, repaired, or replaced work against defective design, materials, and workmanship for a period of twelve months from and after the date of acceptance thereof. Should the Contractor fail to promptly make the necessary redesign, repair, replacement and tests, the County may perform or cause to be performed the same at the Contractor's expense.

#### B. Software Maintenance and Support

##### 1. Minimum Warranty Requirements

The Contractor warrants all software furnished under this Contract, against defects in design, materials and workmanship for a period of twelve months from and After Final Completion of Work under the Contract, regardless of whether the same were furnished or performed by Contractor or by an of its subcontractors of any tier.

The Contractor shall provide maintenance and support services as covered under the warranty period to include but not be limited to OnGuard software configuration, application assistance, database properties and basic operating system functionality.

Upon receipt of written notice by the County of any defect in any such equipment, materials, or labor during the applicable warranty period, due to defective design, materials, or workmanship, the affected item or parts thereof shall be redesigned, modified, enhanced, corrected, or replaced by the Contractor at a time and in a manner acceptable to the County at no additional costs, including work performed outside normal business hours or during nationally recognized holidays.

##### 1. Specific Performance Items during Warranty Period

The Contractor shall notify County by email of new versions of OnGuard software (major and minor releases; cumulative and incremental hot fixes) as they become available during the warranty period. The Contractor shall inform the County of potential software and/or firmware flaws that may lead to system instability or unreliable configurations. The Contractor shall make recommendations to resolve and/or mitigate these potential flaws.

##### 2. Level of Support/Warranty

The Contractor shall adhere to Lenel's Normal Call Process (Call Workflow). Software support and maintenance shall include on-site and/or telephone service as needed.

#### **VI. SPECIFICATIONS**

The Contractor shall supply and furnish all installation, programming, mobilization, and licensing of all hardware, software, equipment, materials, and any other ancillary items necessary for a complete Lenel Access control upgrade. Unit Bid Prices shall be inclusive of all required equipment, parts, and/or materials to complete the upgrade project. Where Lenel manufactured equipment and/or parts are specified, no equivalents and/or substitutes will be accepted. All other equipment bid shall be in accordance with Paragraph 4 and 5 of the Special Conditions. At the discretion of the Contractor, Lenel Panels may be pre-fabricated. The pre-fabrication process shall include preassembly, a functional test, quality checks, and any necessary configuration and programming at the Contractor's facility and transporting the complete assemblies or sub-assemblies to the final installation site where the equipment is to be located. Costs associated with pre-fabrication shall be included in unit bid prices. Descriptive Literature of Contractor's pre-fabrication process shall be included in bid response packet, as applicable.

**A. First Floor- Communications Room # 1, Room # 1110 (IDentiPass Com 8)**

<b>Item No.</b>	<b>Description</b>	<b>Requirement</b>
1	IDentiPASS Panel #1	Remove 9000 Controller and Optional Reader Board, with <del>seven (7)</del> <u>eight (8)</u> Readers.
2	IDentiPASS Panel # 1	Install two (2) Lenel manufacturer Dual Reader Boards, MFR: Lenel, Part/Item No: LNL-1320, and install Junction Blocks for an additional three (3) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
3	IDentiPASS Panel # 2	Remove 9000 Controller and Optional Reader Board, with eight (8) Readers.
4	IDentiPASS Panel # 2	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Part/Item No: LNL-1320, and install Junction Blocks for an additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by be Eaton, Cooper, or approved equivalent.
5	IDentiPASS Panel # 3	Remove 9000 Controller and Optional Reader Board, with <del>seven (7)</del> <u>eight (8)</u> Readers.
6	IDentiPASS Panel # 3	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install Junction Blocks for an additional three (3) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent brand.
7	IDentiPASS Panel # 4	Remove 9000 Controller and Optional Reader Board, with four (4) readers.
8	IDentiPASS Panel #4	Install two (2) Lenel Manufactured Dual Reader Boards, MFR: Lenel, Part/Item No: LNL-1320.
9	Power Supply Enclosure with slots for mercury hardware	Install power supply enclosures with ten (10) slots for Mercury Hardware and a maximum of two (2) power supply boards. Enclosures shall be manufactured by Life Safety (Item/Part No: E8 and E4) or approved equivalent.
10	Main System Controller	Install one (1) manufactured Lenel Intelligent Controller, MFR: Lenel, Item/Part No: LNL-3300.
11	Additional Boards to support readers in Panel # 1 and #3	Install <del>three (3)</del> <u>four(4)</u> Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 1 and #3, MFR: Lenel, Item/Part No: LNL-1320.
12	Additional Boards to support readers in Panel # 2	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 2., MFR: Lenel, Part/Item No: LNL-1320.



**B. First Floor- Communications Room # 2- Room #1255 (IDentiPASS Com 6)**

<b>Item No.</b>	<b>Description</b>	<b>Requirement</b>
1	IDentiPASS Panel #1	Remove 9000 Controller and Optional Reader Board, with eight (8) Readers.
2	IDentiPASS Panel # 1	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Part/Item No: LNL-1320, and install Junction Blocks for an additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
3	IDentiPASS Panel # 2	Remove 9000 Controller and Optional Reader Board, with eight (8) Readers.
4	IDentiPASS Panel # 2	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install Junction Blocks for an additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
5	IDentiPASS Panel # 3	Remove 9000 Controller and Optional Reader Board, with three (3) Readers.
6	IDentiPASS Panel # 3	Install two (2) Lenel manufactured Dual Reader Boards. MFR: Lenel, Item/Part No: LNL-1320.
7	Power Supply Enclosure with slots for mercury hardware	Install power supply enclosures with ten (10) slots for Mercury Hardware and a maximum of two (2) power supply boards. Enclosures shall be manufactured by Life Safety Power Supplies (Item/Part No: E8 and E4) or approved equivalent.
8	Main System Controller	Install one (1) Lenel manufactured Intelligent Controller, MFR: Lenel, Item/Part No: LNL-3300.
9	Additional Boards to support readers in Panel # 1	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 1, MFR: Lenel, Item/Part No: LNL-1320.
10	Additional Boards to support readers in Panel # 2	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 2. MFR: Lenel, Item/Part No: LNL-1320.

**C. First Floor- Communications Room # 3- Room #1312 (IDentiPASS Com 5)**

<b>Item No.</b>	<b>Description</b>	<b>Requirement</b>
1	Input/Output Enclosure # 1	Remove 9000 I/O Board.
2	Input/Output Enclosure # 1	Install one (1) MFR: Lenel, Item/Part No: LNL-1100 Input Control Module and quantity one (1) MFR: Lenel, Item/Part No: LNL-1200 Output Control Module.
3	Input/Output Enclosure #2	Remove 9000 I/O Board.

4	Input/Output Enclosure # 2	Install one (1) Lenel manufactured Input Control Module, MFR: Lenel Item/Part No: LNL-1100 and quantity one (1) Lenel Output Control Module, MFR: Lenel, Item/Part No: LNL-1200.
5	Input/Output Enclosure #3	Remove 9000 I/O Board.
6	Input/Output Enclosure # 3	Install one (1) Lenel manufactured Input Control Module, MFR: Lenel Item/Part No: LNL-1100 and quantity one (1) Lenel Output Control Module, MFR: Lenel, Item/Part No: LNL-1200.
7	IDentiPASS Panel #1	Remove 9000 Controller and Optional Reader Board, with eight (8) Readers.
8	IDentiPASS Panel # 1	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320 and install Junction Blocks for an additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
9	IDentiPASS Panel # 2	Remove 9000 Controller and Optional Reader Board, with eight (8) readers.
10	IDentiPASS Panel # 2	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320 and install Junction Blocks for an additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
11	IDentiPASS Panel # 3	Remove 9000 Controller and Optional Reader Board, with eight (8) Readers.
12	IDentiPASS Panel # 3	Install two (2) Lenel manufactured Dual Reader Boards MFR: Lenel Item/Part No: LNL-1320, and Junction Blocks for an additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent brand.
13	Power Supply Enclosures with slots for mercury hardware	Install power supply enclosures with ten (10) slots for Mercury Hardware and a maximum of two (2) power supply boards. Enclosures shall be manufactured by Life Safety Power Supplies (Item/Part No: E8 and E4) or approved equivalent.
14	Main System Controller	Install one (1) Lenel manufactured Intelligent Controller, MFR: Lenel, Item/Part No: LNL-3300.
15	Additional Boards to support readers in Panel # 1	Install two (2) Lenel Manufactured Dual Reader Boards for IDentiPASS Panel # 1, MFR: Lenel, Item/Part No: LNL-1320.
16	Additional Boards to support readers to Panel #2	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 2, MFR: Lenel, Item/Part No: LNL-1320.
17	Additional Boards to support readers in Panel # 3.	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 3, MFR: Lenel, Item/Part No: LNL-1320.

**D. First Floor- Communications Room #4- Room #1466 (IDentiPASS COM 7)**

<b>Item No.</b>	<b>Description</b>	<b>Requirement</b>
1	Input/Output Enclosure # 1	Remove 9000 I/O Board.
2	Input/Output Enclosure # 1	Install one (1) Lenel manufactured Input Control Module, MFR: Lenel, Item/Part No: LNL-1100 and quantity one (1) Lenel manufactured Output Control Module, MFR: Lenel, Item/Part No: LNL-1200.
3	Input/Output Enclosure #2	Remove 9000 I/O Board.
4	Input/Output Enclosure # 2	Install one (1) Lenel manufactured Input Control Module MFR: Lenel, Item/Part No: LNL-1100 and quantity one (1) Lenel manufactured Output Control Module, MFR: Lenel, Item/Part No: LNL-1200.
5	Input/Output Enclosure #3	Remove 9000 I/O Board.
6	Input/Output Enclosure # 3	Install one (1) Lenel manufactured Output Control Module, MFR: Lenel, Item/Part No: LNL-1200.
7	IDentiPASS Panel #1	Remove 9000 Controller and Optional Reader Board, with seven (7) Readers.
8	IDentiPASS Panel # 1	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320 and Install Junction Blocks for additional three (3) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
9	IDentiPASS Panel # 2	Remove 9000 Controller and Optional Reader Board, with eight (8) Readers.
10	IDentiPASS Panel # 2	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Part/Item NO: LNL-1320, and Install Junction Blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
11	IDentiPASS Panel # 3	Remove 9000 Controller and Optional Reader Board, with eight (8) Readers.
12	IDentiPASS Panel # 3	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320 and junction blocks for Additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
13	Power Supply Enclosure with slots for mercury hardware	Install power supply enclosure with ten (10) slots for Mercury Hardware and a maximum of two (2) power supply boards. Enclosures shall be manufactured by Life Safety Power Supplies (Item/Part No: E8 and E4) or approved equivalent.
14	Additional Boards to support readers in Panel #1	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 1, MFR: Lenel, Item/Part No: LNL-1320.

15	Additional Boards to support readers in Panel # 2.	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 2, MFR: Lenel, Item/Part No: LNL-1320.
16	Additional Boards to support readers in Panel # 3	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 3, MFR: Lenel, Item/Part No: LNL-1320.
<u>17</u>	<u>Main System Controller</u>	<u>Install one (1) Lenel manufactured Intelligent Controller, MFR: Lenel, Item/Part No: LNL-1300</u>

**E. Second Floor- Communications Room # 1- Room #2152 (IDentiPASS Com 8)**

Item No.	Description	Requirement
1	IDentiPASS Panel #1	Remove 9000 Controller and Optional Reader Board, with eight (8) Readers.
2	IDentiPASS Panel # 1	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320 and Install Junction Blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
3	IDentiPASS Panel # 2	Remove 9000 Controller and Optional Reader Board, with eight (8) readers
4	IDentiPASS Panel # 2	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320 and Install Junction Blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
5	IDentiPASS Panel # 3	Remove 9000 Controller and Optional Reader Board, with <del>three (3)</del> <u>Six (6)</u> Readers.
6	IDentiPASS Panel # 3	Install two (2) Lenel manufactured Dual Reader Boards MFR: Lenel, Item/Part No: LNL-1320.
7	Power Supply Enclosures with slots for mercury hardware	Install power supply enclosure with ten (10) slots for Mercury Hardware and a maximum of two (2) power supply boards. Enclosures shall be manufactured by Life Safety Power Supplies, (Item/Part No: E8 and E4) or approved equivalent.
8	Main System Controller	Install one (1) Lenel manufactured Intelligent Controller, MFR: Lenel, Item/Part No: LNL-3300.
9	Additional Boards to support readers in Panel # 1	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 1, MFR: Lenel, Item/Part No: LNL-1320.
10	Additional Boards to support readers in Panel # 2	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 2, MFR: Lenel, Item/Part No: LNL-1320.
11	Additional Boards to support readers in Panel # 3	Install one (1) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 3, MFR: Lenel, Item/Part No: LNL-1320.
<u>12</u>	<u>IDentiPASS Panel #4</u>	<u>Remove 9000 Controller and Optional Reader Board, with three(3) Readers</u>
<u>13</u>	<u>IDentiPass Panel #4</u>	<u>Install two (2) Lenel manufactured Dual Reader Boars for IDentiPass Panel # 4, MFR: Lenel, Item/Part No: LNL-1320</u>
<u>14</u>	<u>Additional Boards to Support Readers in Panel #4</u>	<u>Install one (1) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 4, MFR: Lenel, Item/Part No: LNL-1320</u>

**F. Second Floor- Communications Room # 2- Room #2203 (IDentiPass Com 6)**

Item No.	Description	Requirement
1	IDentiPASS Panel #1	Remove 9000 Controller and Optional Reader Board, with eight (8) Readers.
2	IDentiPASS Panel # 1	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install Junction Blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
3	IDentiPASS Panel # 2	Remove 9000 Controller and Optional Reader Board, with eight (8) Readers.
4	IDentiPASS Panel # 2	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install Junction Blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
5	IDentiPASS Panel # 3	Remove 9000 Controller and Optional Reader Board, with three (3) Readers.
6	IDentiPASS Panel # 3	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320.
7	Power Supply Enclosures with slots for mercury hardware	Install power supply enclosure with ten (10) slots for Mercury Hardware and a maximum of two (2) power supply boards. Enclosures shall be manufactured by Life Safety Power Supplies (Item/Part No: E8 and E4) or approved equivalent.
8	Main System Controller	Install one (1) Lenel manufactured Intelligent Controller, MFR: Lenel, Item/Part No: LNL-3300.
9	Additional Boards to support readers in Panel # 1	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 1, MFR: Lenel, Item/Part No: LNL-1320.
10	Additional Boards to support readers in Panel # 2.	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 2, MFR: Lenel, Item/Part No: LNL-1320

**G. Second Floor-Communications Room # 3- Room # 2334 (IDentiPASS Com 5)**

Item No.	Description	Requirement
1	IDentiPASS Panel #1	Remove 9000 Controller and Optional Reader Board, with six (6) Readers.
2	IDentiPASS Panel # 1	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install Junction Blocks for additional two (2) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
3	IDentiPASS Panel # 2	Remove 9000 Controller and Optional Reader Board, with eight (8) Readers.
4	IDentiPASS Panel # 2	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install Junction Blocks for additional four (4) Card Reader & Access Control Points.

4 Cont.		Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
5	IDentiPASS Panel # 3	Remove 9000 Controller and Optional Reader Board, with <del>three (3)</del> <u>eight (8)</u> Readers
6	IDentiPASS Panel # 3	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320.
7	Power Supply Enclosure with slots for mercury hardware	Install power supply enclosure with ten (10) slots for Mercury Hardware and a maximum of two (2) power supply boards. Enclosures shall be manufactured by Life Safety Power Supplies (Item/Part No: E8 and E4) or approved equivalent.
8	Main System Controller	Install one (1) Lenel manufactured Intelligent Controller, MFR: Lenel, Item/Part No: LNL-3300.
9	Additional Boards to support readers in Panel # 1.	Install <del>one (1)</del> <u>two (2)</u> Lenel manufactured Dual Reader Board for IDentiPASS Panel # 1. MFR: Lenel, Item/Part No: LNL-1320.
10	Additional Boards to support readers in Panel # 2.	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 2, MFR: Lenel, Item/Part No: LNL-1320.
11	Additional Boards to support readers in Panel # 3.	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel #3, MFR: Lenel, Item/Part No: LNL-1320.

#### H. Second Floor- Communications Room #4-Room #2409 (IDentiPASS Com 7)

Item No.	Description	Requirement
1	IDentiPASS Panel #1	Remove 9000 Controller and Optional Reader Board, with eight (8) Readers.
2	IDentiPASS Panel # 1	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install Junction Blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
3	IDentiPASS Panel # 2	Remove 9000 Controller and Optional Reader Board, with eight (8) readers
4	IDentiPASS Panel # 2	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install Junction Blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
5	IDentiPASS Panel # 3	Remove 9000 Controller and Optional Reader Board, with <del>six (6)</del> <u>eight (8)</u> Readers.
6	IDentiPASS Panel # 3	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install junction blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
7	Power Supply Enclosure with slots for mercury hardware	Install power supply cabinet with ten (10) slots for Mercury Hardware and a maximum of two (2) power supply boards. Enclosures shall be manufactured by Life Safety Power Supplies (Item/Part No: E8 and E4) or approved equivalent.

8	Main System Controller	Install one (1) Lenel manufactured Intelligent Controller, MFR: Lenel, Item/Part No: LNL-3300.
9	Additional Boards to support readers in Panel # 1	Install one (1) Lenel manufactured Dual Reader Board for IDentiPASS Panel # 1, MFR: Lenel, Item/Part No: LNL-1320.
10	Additional Boards to support readers in Panel # 2.	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 2, MFR: Lenel, Item/Part No: LNL-1320.
11	Additional Boards to support readers in Panel # 3.	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 3, MFR: Lenel, Item/Part No: LNL-1320.

### I. Third Floor- Communications Room # 1- Room # 3108 (IDentiPASS Com 8)

Item No.	Description	Requirement
1	IDentiPASS Panel #1	Remove 9000 Controller and Optional Reader Board, with eight (8) Readers.
2	IDentiPASS Panel # 1	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320 and install Junction Blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
3	IDentiPASS Panel # 2	Remove 9000 Controller and Optional Reader Board, with eight (8) Readers.
4	IDentiPASS Panel # 2	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320 and install Junction Blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
5	IDentiPASS Panel # 3	Remove 9000 Controller and Optional Reader Board, with <del>six</del> <u>eight</u> (8) Readers.
6	IDentiPASS Panel # 3	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install junction blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
7	IDentiPASS Panel # 4	Remove 9000 Controller and Optional Reader Board with seven (7) Readers.
8	IDentiPASS Panel # 4	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and junction blocks for additional three (3) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
9	IDentiPASS Panel # 5	Remove 9000 Controller and Optional Reader Board with four (4) Readers.
10	IDentiPASS Panel # 5	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320.

11	Power Supply Enclosure with slots for mercury hardware	Install power supply enclosure with ten (10) slots for Mercury Hardware and a maximum of two (2) power supply boards. Enclosures shall be manufactured by Life Safety Power Supplies (Item/Part No: E8 and E4) or approved equivalent.
12	Main System Controller	Install one (1) Lenel manufactured Intelligent Controller, MFR: Lenel, Item/Part No: LNL-3300.
13	Additional Boards to support readers in Panel # 1	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel #1, MFR: Lenel, Item/Part No: LNL-1320.
14	Additional Boards to support readers in Panel # 2	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel #2, MFR: Lenel, Item/Part No: LNL-1320.
15	Additional Boards to support readers in Panel # 3	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel #3, MFR: Lenel, Item/Part No: LNL-1320.
16	Additional Boards to support readers in Panel # 4.	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel #4, MFR: Lenel, Item/Part No: LNL-1320.

**J. Third Floor- Communications Room # 2- Room # 3205 (IDentiPASS COM 6)**

Item No.	Description	Requirement
1	IDentiPASS Panel #1	Remove 9000 Controller and Optional Reader Board, with eight (8) Readers.
2	IDentiPASS Panel # 1	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install junction blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
3	IDentiPASS Panel # 2	Remove 9000 Controller and Optional Reader Board, with eight (8) Readers.
4	IDentiPASS Panel # 2	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install Junction Blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
5	IDentiPASS Panel # 3	Remove 9000 Controller and Optional Reader Board, with <del>six (6)</del> eight (8) Readers.
6	IDentiPASS Panel # 3	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install junction blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
7	IDentiPASS Panel # 4	Remove 9000 Controller and Optional Reader Board with eight (8) Readers.



8	IDentiPASS Panel # 4	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install junction blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
9	Power Supply Enclosure with slots for mercury hardware	Install power supply enclosure with ten (10) slots for Mercury Hardware and a maximum of two (2) power supply boards. Enclosures shall be life manufactured by Life Safety Power Supplies (Item/Part No: E8 and E4) or approved equivalent.
10	Main System Controller	Install and supply (1) Lenel manufactured Intelligent Controller, MFR: Lenel, Item/Part No: LNL-3300.
11	Additional Boards to support readers in Panel # 1	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel #1, MFR: Lenel, Item/Part No: LNL-1320.
12	Additional Boards to support readers in Panel # 2.	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel #2, MFR: Lenel, Item/Part No: LNL-1320.
13	Additional Boards to support readers in Panel # 3.	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 3, MFR: Lenel, Item/Part No: LNL-1320.
14	Additional Boards to support readers in Panel # 4.	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 4, MFR: Lenel, Item/Part No: LNL-1320.

**K. Third Floor- Communications Room #3- Room # 3337 (IDentiPASS COM 5)**

Item No.	Description	Requirement
1	IDentiPASS Panel #1	Remove 9000 Controller and Optional Reader Board, with eight (8) Readers
2	IDentiPASS Panel # 1	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320 Dual Reader Boards, and install Junction Blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
3	IDentiPASS Panel # 2	Remove 9000 Controller and Optional Reader Board, with eight (8) Readers.
4	IDentiPASS Panel # 2	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install Junction Blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
5	IDentiPASS Panel # 3	Remove 9000 Controller and Optional Reader Board, with <del>six</del> <u>eight (8)</u> Readers.
6	IDentiPASS Panel # 3	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install junction blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
7	IDentiPASS Panel # 4	Remove 9000 Controller and Optional Reader Board with two (2) readers.

8	IDentiPASS Panel # 4	Install one (1) Lenel manufactured Dual Reader Board, MFR: Lenel, Item/Part No: LNL-1320
9	Power Supply Enclosure with slots for mercury hardware	Install power supply enclosure with ten (10) slots for Mercury Hardware and a maximum of two (2) power supply boards. Enclosures shall be life manufactured by Life Safety Power Supplies (Item/Part No: E8 and E4) or approved equivalent.
10	Main System Controller	Install one (1) Lenel manufactured Intelligent Controller, MFR: Lenel, Item/Part No: LNL-3300.
11	Additional Boards to support readers in Panel # 1	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 1, MFR: Lenel, Item/Part No: LNL-1320.
12	Additional Boards to support readers in Panel # 2	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 2, MFR: Lenel, Item/Part No: LNL-1320.
13	Additional Boards to support readers in Panel 3	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 3, MFR: Lenel, Item/Part No: LNL-1320.

**L. Third Floor- Communications Room # 4- Room # 3425 3426(IDentiPASS COM 7)**

Item No.	Description	Requirement
1	IDentiPASS Panel #1	Remove 9000 Controller and Optional Reader Board, with eight (8) Readers.
2	IDentiPASS Panel # 1	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install Junction Blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
3	IDentiPASS Panel # 2	Remove 9000 Controller and Optional Reader Board, with eight (8) Readers.
4	IDentiPASS Panel # 2	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install Junction Blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
5	IDentiPASS Panel # 3	Remove 9000 Controller and Optional Reader Board, with <del>six</del> <u>eight (8)</u> Readers.
6	IDentiPASS Panel # 3	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install junction blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
7	Power Supply enclosure with slots for mercury hardware	Install power supply enclosure with ten (10) slots for Mercury Hardware and a maximum of two (2) power supply boards. Enclosures shall be life manufactured by Life Safety Power Supplies (Item/Part No: E8 and E4) or approved equivalent.
8	Main System Controller	Install and supply (1) Lenel manufactured Intelligent Controller, MFR: Lenel, Item/Part No: LNL-3300.
9	Additional Boards to support readers in Panel # 1	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 1, MFR: Lenel, Item/Part No: LNL-1320.

10	Additional Boards to support readers in Panel # 2	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 1, MFR: Lenel, Item/Part No: LNL-1320.
11	Additional Boards to support readers in Panel # 3	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 1, MFR: Lenel, Item/Part No: LNL-1320.

**M. Fourth Floor- Communications Room # 3 – Room # 1312 4308(IDentiPASS COM 5)**

Item No.	Description	Requirement
1	IDentiPASS Panel #1	Remove 9000 Controller and Optional Reader Board, with six (6) Readers.
2	IDentiPASS Panel # 1	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install Junction Blocks for additional two (2) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
3	IDentiPASS Panel # 2	Remove 9000 Controller and Optional Reader Board, with eight (8) Readers.
4	IDentiPASS Panel # 2	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install Junction Blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
5	IDentiPASS Panel # 3	Remove 9000 Controller and Optional Reader Board, with seven (7) Readers.
6	IDentiPASS Panel # 3	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install junction blocks for additional three (3) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
7	IDentiPASS Panel # 4	Remove 9000 Controller and Optional Reader Board, with <del>five</del> <u>four</u> (4) Readers.
8	IDentiPASS Panel # 4	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320.
9	Power Supply Enclosure with slots for mercury hardware	Install power supply enclosure with ten (10) slots for Mercury Hardware and a maximum of two (2) power supply boards. Enclosures shall be life manufactured by Life Safety Power Supplies (Item/Part No: E8 and E4) or approved equivalent.
10	Main System Controller	Install and supply (1) Lenel Manufactured Intelligent Controller MFR: Lenel, Item/Part No: LNL-3300.
11	Additional Boards to support readers in Panel # 1	Install <del>two (2)</del> <u>one (1)</u> Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 1, MFR: Lenel, Item/Part No: LNL-1320.
12	Additional Boards to support readers in Panel # 2	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 2, MFR: Lenel, Item/Part No: LNL-1320.
13	Additional Boards to support readers in Panel # 3	Install two (2) Lenel manufactured Dual Reader Boards for IDentiPASS Panel #3, MFR: Lenel, Item/Part No: LNL-1320.

**N. Fourth Floor- Communications Room # 4-Room #1466 4433(IDentiPASS COM 7)**

Item No.	Description	Requirement
1	IDentiPASS Panel #1	Remove 9000 Controller and Optional Reader Board, with <del>six (6)</del> <u>seven (7)</u> Readers.
2	IDentiPASS Panel # 1	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install Junction Blocks for additional two (2) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
3	IDentiPASS Panel # 2	Remove 9000 Controller and Optional Reader Board, with <del>eight (8)</del> <u>six (6)</u> readers.
4	IDentiPASS Panel # 2	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install Junction Blocks for additional four (4) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
5	IDentiPASS Panel # 3	Remove 9000 Controller and Optional Reader Board, with <del>seven (7)</del> <u>four (4)</u> Readers.
6	IDentiPASS Panel # 3	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320, and install junction blocks for additional three (3) Card Reader & Access Control Points. Junction blocks shall be manufactured by Eaton, Cooper, or approved equivalent.
7	IDentiPASS Panel # 4	Remove 9000 Controller and Optional Reader Board, with five (5) Readers.
8	IDentiPASS Panel # 4	Install two (2) Lenel manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320.
9	Power Supply Enclosure with slots for mercury hardware	Install power supply enclosure with ten (10) slots for Mercury Hardware and a maximum of two (2) power supply boards. Enclosures shall be life manufactured by Life Safety Power Supplies (Item/Part No: E8 and E4) or approved equivalent.
10	Main System Controller	Install and supply (1) Lenel manufactured Intelligent Controller, MFR: Lenel, Item/Part No: LNL-3300.
11	Additional Boards to support readers in Panel # 1.	Install <del>one (1)</del> <u>two (2)</u> Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 1, MFR: Lenel, Item/Part No: LNL-1320.
12	Additional Boards to support readers in Panel # 2	Install <del>two (2)</del> <u>one (1)</u> Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 2, MFR: Lenel, Item/Part No: LNL-1320
13	Additional Boards to support readers in Panel # 3.	Install <del>two (2)</del> <u>one (1)</u> Lenel manufactured Dual Reader Boards for IDentiPASS Panel # 3, MFR: Lenel, Item/Part No: LNL-1320
<u>14</u>	<u>IDENTIPASS Panel # 5</u>	<u>Remove 9000 Controller and Optional Reader Board with seven (7) Readers</u>
<u>15</u>	<u>IDENTIPASS Panel # 5</u>	<u>Install two (2) Lenel Manufactured Dual Reader Boards, MFR: Lenel, Item/Part No: LNL-1320</u>
<u>16</u>	<u>Additional Boards to Support Readers in Panel #5</u>	<u>Install two (2) Lenel Manufactured Dual Reader Boards for IDentiPASS Panel # 5, MFR: Lenel, Item/Part No: LNL-1320</u>

**O. Elevator Controls**

Item No.	Description	Requirement
1	Power Supply Enclosures with slots for mercury hardware	Install nine (9) Power Supply Enclosures each with six (6) Slots for Mercury Hardware and power Supply Boards for all nine (9) elevators. Enclosures shall be life manufactured by Life Safety Power Supplies (Item/Part No: E8 and E4) or approved equivalent.
2	Conversion	Install one (1) MFR: Lenel, Item/Part No: LNL-2220, for each elevator shall be converted.
3	Conversion	Install eighteen (18) Lenel manufactured Dual Reader Boards to cover readers for each elevator, MFR: Lenel, Item/Part No: LNL-1320.
4	Conversion	Attach Data to Input/Output Boards in Converted IDentiPASS Enclosures for each of the nine (9) elevators.

**P. Licensing**

1. The Contractor shall supply licensing services for all access card readers.
2. The dongle number for Lenel to get licenses is 51576.

**Q. Clarifications**

1. Two (2) 12vdc 7ah Batteries shall be provided in each power supply, for a total of forty-six (46) shall be supplied by Contractor.
2. County Personnel will be extracted from IDentiPass for use in the Lenel OnGuard System. Name and Card Number Data will be imported into Lenel OnGuard for Orange County Administrator to create access rights. There are 1,756 existing cardholders. The County will provide a client on site at the Booking and Releasing center.
3. Low voltage wiring shall be installed in open cable tray or conduit near panels by the Contractor.
4. The County will provide static IP addresses and network connections at panel locations.
5. The County will provide a secured staging and storage area for project related materials upon request by the Contractor.
6. This is not a migration but rather a new installation. The County will not be migrating any data from the current system. The Card users are already in Lenel and the access codes are the only items that need to be added. A list will be provided during the Post Award Meeting for the vendor to input. There are currently twenty-seven (27) access levels.
7. Radios will work in the building
8. PLC Point of connections terminate in the same I/O enclosure as access control I/O.
9. This project does not require the following from the Contractor:
  - a.) No end of line resistors are to be installed
  - b.) Contractor is not responsible for the maintenance of the existing equipment
  - c.) There is no PLC equipment integration required.
  - d.) No additional segmentation is required from the Contractor

**VII.FINAL ACCEPTANCE TESTING**

- A. A minimum of forty-eight (48) hour notice will be provided to County’s representative before final testing occurs. Scheduling of final testing will occur during normal business hours, Monday-Friday, 8:00 A.M through 5:00 P.M., E.S.T. Testing of elevator card access system shall be as required by state and local authorities having jurisdiction. The Contractor shall identify required testing, coordinating, scheduling, and conducting tests before final acceptance. Tests shall include the following at a minimum:
  - 1.Operation of all delivers
  - 2.Operation of all system features under normal operation
  - 3.Before energizing the cables and wires, check for correct connections and test for short circuits, ground faults, continuity, and insulation
  - 4.Open and short (wire only) network communications and verify that signals are received at network nodes or terminals
  - 5.Check all alert tones and visual indications
  6. Commissioning of all doors

**B. Software modifications:**

The Contractor shall provide the services of a trained and authorized technician to perform system software modifications, upgrades or changes if system fails or does not meet the operational requirements during testing as specified herein.

**C. Deliverables Upon Final Acceptance**

Upon completion of installation and final acceptance testing, the Contractor shall provide and/or perform the following:

1. Provide to County Project Manager a signed written statement and/or certificate confirming that the equipment was installed in accordance with the specifications, shop drawings, instructions and directions provided by the manufacturer.
2. Remove all rubbish, debris, and waste materials and legally dispose of project site.

**D. Training**

The Contractor shall provide one (1) training session on County site for five (5) County staff members. The training session shall be for a minimum of four (4) hours and include but not be limited to topics concerning access levels, card holder creation, time zones, and holiday schedules.

Unit Price for training shall include all costs associated with providing training services identified herein including but not limited to labor, equipment, and materials. No reimbursement for mileage or travel will be allowed.

Exact date and time of the training session to be scheduled during post award meeting, as outlined in paragraph 9 of the special conditions.

**E. Manuals**

The Contractor shall provide the following manuals at a minimum upon Final Acceptance and testing:

1. three (3) paper copies and one (1) electronic copy of software O&M manuals
2. three (3) paper copies and one (1) electronic copy of hardware O&M manuals

Costs of providing manuals shall be at no additional cost to the County.

**BID RESPONSE FORM  
IFB #Y16-618-TA**

The Contractor shall provide all labor and other resources necessary to provide the services in strict accordance with the scope of work/services defined in this solicitation for the amounts specified in this Bid Response Form, inclusive of overhead, profit and any other costs.

Bidder shall bid on all Groups to be considered responsive. Failure to bid all Groups and items will result in the Bid being deemed non-responsive.

**LOT A: FURNISH AND SUPPLY OF EQUIPMENT** – No equivalents or substitutes will be accepted for LOT A, Items 1-5. Bids shall only be equipment as specified. No descriptive literature and/or samples are to be submitted for items in LOT A.

<u>Item No.</u>	<u>Description</u>	<u>MFR</u>	<u>Model or Part Number</u>	<u>Estimated Quantity</u>		<u>UOM</u>		<u>Unit Cost</u>	=	<u>Extended Total</u>
1	Controllers for Main System, Intelligent System Controller	LENEL	LNL-3300	14	x	EA	x	\$_____	=	\$_____
2	Input Control Module(ICM)	LENEL	LNL-1100	5	x	EA	x	\$_____	=	\$_____
3	Output Control Module(OCM)	LENEL	LNL-1200	<u>6</u>	x	EA	x	\$_____	=	\$_____
4	Reader Boards, Dual Reader Interface Module	LENEL	LNL-1320	<u>182</u>	x	EA	x	\$_____	=	\$_____
<b>GRAND TOTAL OF LOT A (Items 1-4)</b>										\$_____

Name of Bidder: \_\_\_\_\_

**LOT B: SUPPLY AND FURNISH OF EQUIPMENT- Equivalent or substitute products may be bid for Lot B, Items 1-3.** For items in Lot B only, Bidders shall submit with their bid a sample of each proposed equivalent for a quality comparison without cost to the County. Each sample provided with bid shall identify the bid item number, brand, manufacturer and model number on the sample. Bidder to also submit with their bid descriptive literature and detailed specifications that allow for a side by side comparison covering each product offered for the County to determine if such item(s) meets or exceeds the brand being substituted for.

<u>Item No.</u>	<u>Description</u>	<u>MFR</u>	<u>Model or Part Number</u>	<u>Estimated Quantity</u>	<u>UOM</u>	<u>Unit Cost</u>	<u>Extended Total</u>
1	Main System Power Supply Enclosures	LIFE SAFETY Is Bidder offering the above MFG Yes <input type="checkbox"/> No <input type="checkbox"/> If no, Bidder to indicate proposed equivalent below:	E8 and E4	14	x EA	x \$_____	= \$_____
		MFG:_____					
		MODEL/PART NO:_____					
2	Elevator System Power Supply Enclosures	LIFE SAFETY Is Bidder offering the above MFG Yes <input type="checkbox"/> No <input type="checkbox"/> If no, Bidder to indicate proposed equivalent below:	E8 and E4	9	x EA	x \$_____	= \$_____
		MFG:_____					
		MODEL/PART NO:_____					

Name of Bidder: \_\_\_\_\_



<u>Item No.</u>	<u>Description</u>	<u>MFR</u>	<u>Model or Part Number</u>	<u>Estimated Quantity</u>	<u>UOM</u>	<u>Unit Cost</u>	<u>Extended Total</u>
3	Double Height Junction Block.	EATON or COOPER Is Bidder offering one of the above MFG? Yes <input type="checkbox"/> No <input type="checkbox"/> If no, Bidder to indicate proposed equivalent below:	E8 and E4	1000	x EA	x \$_____	= \$_____
		MFG:_____					
		MODEL/PART NO:_____					

**GRAND TOTAL OF LOT B, (Items 1- 3)**

\$\_\_\_\_\_

**LOT C- FURNISH AND SUPPLY OF EQUIPMENT AND PARTS-** No brand is specified for equipment in Lot C, Items 1-8. Bidder to indicate MFG and Part/Model bid for each item in Lot C and submit descriptive literature and detailed specifications for the indicated equipment. No samples are to be submitted for items in Lot C.

<u>Item No.</u>	<u>Description</u>	<u>MFR</u>	<u>Model or Part Number</u>	<u>Estimated Quantity</u>	<u>UOM</u>	<u>Unit Cost</u>	<u>Extended Total</u>
1	Batteries, 12vdc 7AH SLA Battery	Bidder to indicate MFG:_____	Bidder to indicate Part/Model No _____	46	x EA	x \$_____	= \$_____
2	Double Height Junction Block (DDP) Stop/Spacker Bracket for Junction Block	Bidder to indicate MFG:_____	Bidder to indicate Part/Model No _____	150	x EA	x \$_____	= \$_____

Name of Bidder: \_\_\_\_\_

<u>Item No.</u>	<u>Description</u>	<u>MFR</u>	<u>Model or Part Number</u>	<u>Estimated Quantity</u>		<u>UOM</u>		<u>Unit Cost</u>	<u>Extended Total</u>
3	Double Height Junction Block (DDP) End Cover	Bidder to indicate MFG:	Bidder to indicate Part/Model No	150	x	EA	x	\$ _____	= \$ _____
4	Din Rail-1 Meter	Bidder to indicate MFG:	Bidder to indicate Part/Model No	20	x	EA	x	\$ _____	= \$ _____
5	Reader Junction Cables, 22-06 Shielded Stranded Plenum White and Yellow Strip	Bidder to indicate MFG:	Bidder to indicate Part/Model No	7	x	EA	x	\$ _____	= \$ _____
6	Device Junction Cable 22-06, Unshielded Stranded Plenum White and Gray Strip	Bidder to indicate MFG:	Bidder to indicate Part/Model No	46	x	EA	x	\$ _____	= \$ _____
7	Power/Data Cable, 22-04 Shielded Stranded Plenum White with Brown Strip	Bidder to indicate MFG:	Bidder to indicate Part/Model No	3	x	EA	x	\$ _____	= \$ _____
8	Network Cable, 24-4p Unshielded Solid Plenum C5E Blue	Bidder to indicate MFG:	Bidder to indicate Part/Model No	2	x	EA	x	\$ _____	= \$ _____

**GRAND TOTAL LOT C (Items 1-8)**

\$ \_\_\_\_\_

Name of Bidder: \_\_\_\_\_

**LOT D: LICENSING**

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>		<u>Unit of Measure</u>	<u>Unit Pricing</u>		<u>Extended Total</u>
1	64 access readers upgrade for all PRO systems, no maximum on number of readers	<u>384</u>	x	EA	x	\$ _____ =	\$ _____
<b>Grand Total Lot D (Item 1)</b>							\$ _____

**LOT E- INSTALLATION, PROGRAMMING, AND TRAINING SERVICES**

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>		<u>Unit of Measure</u>	<u>Unit Price</u>		<u>Extended Total</u>
1	Installation services to provide complete Lenel access control upgrade as specified herein, inclusive of permitting fees.	1	x	LOT	x	\$ _____ =	\$ _____
2	Programming Services to provide complete Lenel access control upgrade as specified herein.	1	x	LOT	x	\$ _____ =	\$ _____
3	Onsite Training Session for five (5) County Personnel for a minimum of four (4) hours.	1	x	LOT	x	\$ _____ =	\$ _____
<b>GRAND TOTAL LOT E(Items 1-3)</b>							\$ _____

Name of Bidder: \_\_\_\_\_

**IMPORTANT NOTE: When completing your bid, do not attach any forms which may contain terms and conditions that conflict with those listed in the County's bid documents(s). Inclusion of additional terms and conditions such as those which may be on your company's standard forms shall result in your bid being declared non-responsive as these changes will be considered a counteroffer to the County's bid.**

Performance shall be not later than ~~fifty (50)~~ ninety (90) calendar days After Receipt of Order (ARO) per Special Terms and Conditions.

Inquiries regarding this Invitation for Bids may be directed to Tracy Attenasio, Purchasing Agent, at [Tracy.Attenasio@ocfl.net](mailto:Tracy.Attenasio@ocfl.net)

**Bid Response Documents - The following documents constitute your bid:**

- A. Bid Response Form, Authorized Signatories/Negotiators, Drug-Free Workplace, Schedule of Sub-contracting, Conflict/Non-Conflict of Interest Form, E-Verification Certification, and current W9, Relationship Disclosure Form and Orange County Specific Project Expenditure Report. **Please make sure forms are fully executed where required.**
- B. Qualifications of Bidders information, per Special Terms and Conditions.
- C. Completed attached reference documentation.
- D. **Descriptive literature and detailed specifications for equivalent/proposed substitutions and/or no brand specified equipment submitted in accordance with Paragraph 4 and 5 of the Special Terms and Conditions.**

Y16-618-TA  
Attachment F: Card Reader Report  
BRC CARD READERS DISTRIBUTION

COM 8	
1st Floor Comm Room 1	
Panel #:	Readers:
1-1.1	7
1-1.2	8
1-1.3	7
1-1.4	4
<b>Total:</b>	<b>26</b>
2nd Floor Comm Room 1	
Panel #:	Readers:
2-1.14	8
2-1.15	8
2-1.16	4
2-1.17	3
<b>Total:</b>	<b>23</b>
3rd Floor Comm Room 1	
Panel #:	Readers:
3-1.27	8
3-1.28	8
3-1.29	8
3-1.30	7
3-1.41	4
<b>Total:</b>	<b>35</b>

COM 6	
1st Floor Comm Room 2	
Panel #:	Readers:
1-2.5	8
1-2.6	8
1-2.7	3
<b>Total:</b>	<b>19</b>
2nd Floor Comm Room 2	
Panel #:	Readers:
2-2.24	8
2-2.25	8
2-2.26	3
<b>Total:</b>	<b>19</b>
3rd Floor Comm Room 2	
Panel #:	Readers:
3-2.34	8
3-2.35	8
3-2.36	8
3-2.37	8
<b>Total:</b>	<b>32</b>

COM 5	
1st Floor Comm Room 3	
Panel #:	Readers:
1-3.8	8
1-3.9	8
1-3.15	8
<b>Total:</b>	<b>24</b>
2nd Floor Comm Room 3	
Panel #:	Readers:
2-3.21	6
2-3.22	8
2-3.23	8
<b>Total:</b>	<b>22</b>
3rd Floor Comm Room 3	
Panel #:	Readers:
3-3.38	8
3-3.39	8
3-3.40	8
3-3.49	2
<b>Total:</b>	<b>26</b>
4rd Floor Comm Room 3	
Panel #:	Readers:
4-3.42	6
4-3.43	7
4-3.50	8
4-3.51	4
<b>Total:</b>	<b>25</b>

COM 7	
1st Floor Comm Room 4	
Panel #:	Readers:
1-4.11	8
1-4.12	8
1-4.13	7
<b>Total:</b>	<b>23</b>
2nd Floor Comm Room 4	
Panel #:	Readers:
2-4.18	8
2-4.19	8
2-4.20	7
<b>Total:</b>	<b>23</b>
3rd Floor Comm Room 4	
Panel #:	Readers:
3-4.31	8
3-4.32	8
3-4.33	8
<b>Total:</b>	<b>24</b>
4rd Floor Comm Room 4	
Panel #:	Readers:
4-4.44	7
4-4.45	5
4-4.46	6
4-4.47	6
4-4.48	4
<b>Total:</b>	<b>28</b>

1st Flr Reader Total: 92

2nd Flr Reader Total: 87

3rd Flr Reader Total: 117

4th Flr Reader Total: 53

Reader Grand Total: 349