

**COUNTY OF RIVERSIDE**  
**GATE AND FENCING PROJECT AT LAKE HILLS FIRE STATION #82**  
**RFB# EDARC-070**



**ADDENDUM NO. I**  
**DECEMBER 04, 2018**

**CERTIFICATION OF RECEIPT OF ADDENDUM**

I certify that I have received this addendum on behalf of the company listed below.

Signed: \_\_\_\_\_ Dated: \_\_\_\_\_

Name and title: \_\_\_\_\_

Company: \_\_\_\_\_

**ADDENDUM NO. I**  
**TO RFB # EDARC-070**

**1.0** This addendum is considered to be part of the Request for Bids (RFB). All other terms of the RFB remain unchanged and in effect. This addendum is intended to provide additional information and/or to change requirements in the above referenced RFB. Any information contained herein will be considered part of the RFB and as such will be used in the evaluation of the bid responses. Attention all potential bidders, if you have already submitted your proposal prior to the bid closing date, please review this addendum and re-submit your bid response, should this addendum modify your initial bid response.

**2.0** To verify that all Vendors have received a copy of this addendum, please sign the cover page of this addendum and return it with your proposal to:

County of Riverside  
Purchasing and Fleet Services  
Attn: David Valadez, Procurement Contract Specialist  
RFB #EDARC-070  
2980 Washington Street  
Riverside, CA 92504

Email: [Dvaladez@rivco.org](mailto:Dvaladez@rivco.org)  
Fax: 951-955-3730

**3.0 Question and Answers:**

**Question #1:** ADA requires a panic bar exit with no less than 5lbs opening force. If a panic bar is to be installed then perforated mesh is required for the walk gate to prevent non-essential personnel from opening the gate by reaching through the pickets / bars. Additionally perforated mesh is required for the adjoining fence panels on either side of the walk gate to prevent the very same thing from happening.

**County of Riverside Answer:** Please provide lock set with double key. Panic hardware not required.

**Question #2:** Additionally please confirm that you do not require self-closing hinges or a self-closer for security with regards to typical walk gates.

**County of Riverside Answer:** Self-closing is required

**Question #3:** Plan shows the requirement of (2) K-1700 3EWP Viking Keypads with a single 1" conduit runs which only goes to the gate operator. Please show the separate requirement for the second conduit for communication required for the "speaker". Current plans only show power requirements and interface with the gate operator. Please provide plans for communications run for the intercom system. Please confirm there are existing telephone lines to support this system.

**County of Riverside Answer:** Speaker is not required. Please provide key pad only and omit speaker.

**Question #4:** ASTM F2200 as of July 2018 requires that the gate operator must have (2) monitored sensing devices. Gate must be monitored for closing as well as opening so that it will not cause damage to property or injury to personnel. Either a non-contact photo eye sensor or a safety contact edge sensor. Please include this in the specifications as this is required by both the owner and installer due to liability issues.

**County of Riverside Answer:** Gate & operator shall meet all current codes.

**Question #5:** Gate operator must have a "mouse proof enclosure" see specifications. There are currently no specifications in any of the contract documents regarding the gate operator other than it being 1 HP and having a mouse proof enclosure.

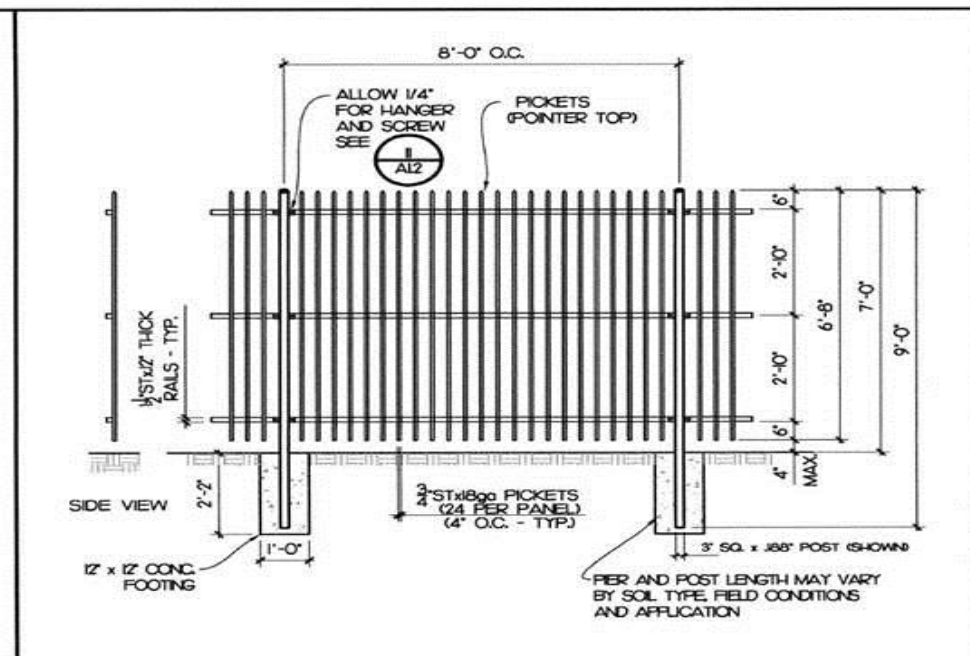
**County of Riverside Answer:** Cover that comes with gate operator unit is acceptable. See spec section 32 3111 / 2.3 / a.

**Question #6:** Please confirm that you do not want safety loops and a free exit loop included in the system.

**County of Riverside Answer:** All code required safety devices are required. Existing loop shall not be installed. Fire department requested key pad only for entry & exit.

**Question #7:** This is the design called out for by the architect. Notice how the middle rail presents a problem?

**County of riverside Answer:** Please omit middle rail.



4.0 Additional Information

- a. Provide fence in-fill similar to fencing in the three areas marked.



5.0 UL 325 7<sup>th</sup> Edition Requirement –Contractors are required to comply.

**Gate Safety**

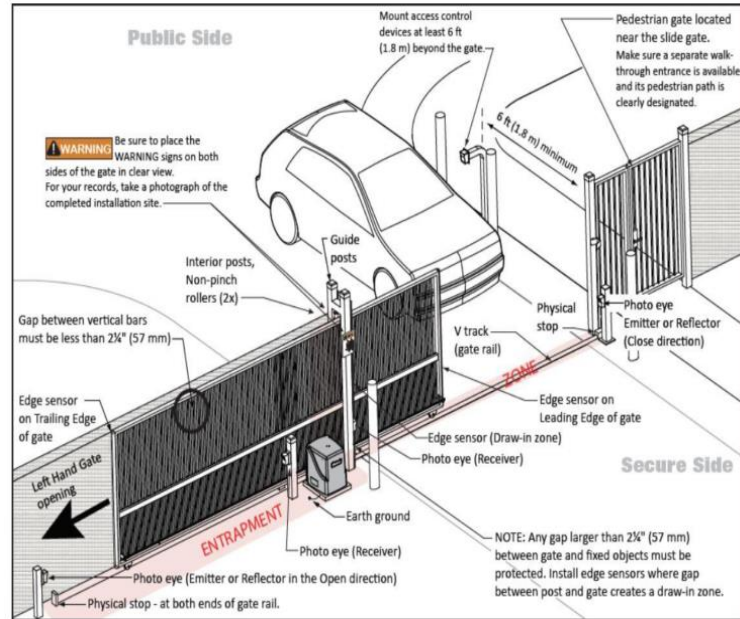
**UL 325 7th edition**

Monitoring of external entrapment protection sensors is required for all automated gate operators manufactured after January 11, 2016. The latest revision, effective August 1, 2018, clarifies and elaborates on these requirements.

For additional information, click on [UL 325 FAQs](#), [Resource Documents](#) and [Video Links](#)

**Highlights**

- Slide gate operators require two external entrapment protection sensors to operate, one in each direction of travel. Sensors can be either contact (edge sensor) or non-contact(photo eye).
- Swing gates require two external entrapment protection sensors, either contact (edge sensor) or non-contact (photo eye), unless there is no entrapment risk in one direction.
- The photo eyes or edge sensors you install must be approved for use with the specific gate operator installed. Sensors proven acceptable are described in the gate operator's installation manual.
- HySecurity publishes an up-to-date table of the tested and approved photo eyes and edge sensors.
- UL 325 sets the MINIMUM standard of safety. You must also verify that the gate site complies with ASTM F2200. Survey site, usage class, gate type and other conditions. Design and install appropriate external entrapment protection sensors that address all potential entrapment zones.



- Above is the UL Standard for automated gate installation and the diagram as to how the safety devices work. This is required for people. The “edge sensors” are contact sensors which activate after an object or person is struck. The “Photo Eye” is a non-contact sensor. They activate prior to the gate striking an object or person by detecting anyone or thing that is in the path of the gate closing or opening. Again this is required for the protection of people. This system pertains to all Fire Stations not just 54.

**All other items remain unchanged**