



CITY OF CHARLESTON  
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January 15, 2024

Addendum #3

## 2024-43 Security Intrusion System Upgrades

This addendum is being issued to provide answers to technical questions.

### Technical questions:

1. Customer states this is a “security upgrade” but there are several fire points on this system. Is the security and fire systems being monitored together? **No, they are not.**
  
2. Are mandatory specs required to add on to, replace, or do a 1:1 replacement of equipment?  
**A) No new specs would be needed to replace or add on to the security equipment.**
  
3. The specs do not include any updates to the fire protection equipment? Is this going to be required to bring this system up to code?  
**A) CFD: Their alarm system seems to be functioning as designed, a certified, licensed fire alarm company would have to conduct further testing to ensure if any updates are needed. We are not renewing any fire protection equipment at this time so no updates are needed.**
  
4. Does the installer need to include a lift on this bid? Some of the heights of the requested CO detectors are above heights that can be reached from a ladder. Can we get a lift into those areas?  
**A) Lift isn't needed. Our wall plug in type CO monitors are sufficient according to CFD in answer 5.**
  
5. Are carbon monoxide detectors a requirement for occupancy or was this just a spec?  
**A) CFD: Per code this is a requirement, the wall plug in type is sufficient as long as they are function properly.**

6. Are we to include co and smoke detection equipment?
  - A) No. per code the wall plug in type are sufficient.
  
7. If fire alarm is included in this quote, can we consider replacing all equipment including outdated panel? **Fire alarm isn't included in the updated security upgrades.**
  - A) It is intended and specifically worded for a "Intrusion System Upgrade" and is limited to intrusion system upgrade, card access system.
  
8. What does the Fire Marshal require for this upgrade? It's highly recommended to bring him into this conversation.
  - A) CFD: As per site visit, property manager is aware of any additional requirements or modifications allowed. We are good to go per Fire Marshal our current CO wall mount monitors are acceptable.
  
9. Will we need to obtain fire alarm permits and are prints required if we do a fire alarm upgrade?
  - A) CFD: If any work is conducted on the fire alarm system, then permits and prints are required to be submitted to our office as well as a final inspection. No work is to be conducted on the fire alarm system.
  
10. Can we be provided a fire alarm zone list?
  - A) No work to be conducted on fire alarm system.
  
11. It is called out to use Bosch security equipment, but the specs do not line up with corresponding field devices. Should a full system replacement be considered?
  - A) No, a full system replacement isn't needed. Use existing wiring for upgrades.
  
12. Item D9127U is a "popit with no tamper switch", what are these for?
  - A) CFD: They are used with a D8125 Addressable Expansion Module when there is a need to expand a compatible control panel beyond its standard number of on-board initiating zones or points. We will not need these since we aren't upgrading any on the fire alarm system.
  - B) Item D9127U Popit is a Bosch device needed to convert the existing intrusion hardware into an addressable device.

13. Can a zone list of existing equipment be provided on security equipment?

A) A list can be provided by our current alarm monitoring company.

14. What is the existing intrusion equipment and card access equipment?

A) Existing Intrusion system is Networx which is no longer available. Existing Access Control system is Lenel using boards that are no longer available.

15. Can cloud based security services be considered?

A) Cloud based options are available.

16. Would it be appropriate to split the “security” and “fire” apart on this proposal?

A) Yes. Per Jamie we could amend the grant and only include the security piece as long as Fire Marshal approved our current CO monitors. And he did.

17. Due to cost constraints and requirements for the funding, what is the allotted amount for the upgrade and where will additional funding be available if we surpass this project amount if all “require” items are applicable?

A) We feel certain that the security upgrades can be completed within the allotted grant amount.

18. May we be provided prints with existing locations?

A) Fire alarm locations aren't needed.

19. Is cabling to be considered or are we to reuse?

A) NFPA 72 has no code on reusing cabling for fire alarm systems, however, an evaluation would be conducted by a licensed alarm company to ensure the cabling could be reused for fire alarm systems. We have no comment on the other alarm systems side. We will not be doing anything with the fire alarms system.  
Reuse existing cabling for security upgrade.

20. Can we get an extension on this to reconsider the questions and specs above?

- A) The project deadline will be extended until January 7, 2025.
- B) We were granted a second extension on technical questions until January 24, 2025 with bid opening date moved to February 4, 2025.

21. Is it possible to break out the three different sections to be bid, or does it have to be all together under the grant? We are concerned if any changes are made to the fire alarms system, then other items may need to be brought up to code which the grant may not cover.

- A) No work to the fire alarm system will be conducted. The bids will need to be for upgrading the Intrusion System and Card Access System.