

# mobile studio design

## RFI Response

**To:** All Bidders

**VIA:** Email

**From:** Leah Schaffer, Project Architect  
Mobile Studio Design

**Project:** Biddeford Fire Department Dorm Renovations

**Project Address:** 152 Alfred Street,  
Biddeford, ME 04005

## RFI No. 2

**Date Received:** 7.21.21 and 7.22.21

**Date Returned:** 7.23.21

## RFI Description

1. There are numerous electrical boxes with blank covers on them, especially on the exterior wall. Is there an expectation for any demolition to be performed regarding these items?
2. Most of the existing wiring is NM-B (romex). Will it be required that these circuits be pulled out all the way back to their source and the wiring method be changed to MC cable?
3. The Life Safety Drawing, G-001 shows fire alarm notification devices that are audio/visual. Current code allows for audible only in a low frequency range. Can these be used?
4. There are no smoke detectors shown in the dorm rooms, but they exist in the current rooms. Should more be added in the new rooms?
5. Are thermostats to be provided by the HVAC contractor?
6. 26.1 D states "Fixtures to be reused...where possible", however the RCP represents LED direct/indirect fixtures which is different than what is there. Should we assume all new?
7. Can the model # for the existing lighting controller be provided? If it's not available, can aftermarket relays and switches be used to expand the lighting controls locally?
8. Would it be possible to get the battery calculations for the existing fire alarm system so that we can assess what is remaining for NAC capacity in the panel?
9. Do you have a height dimension between the second floor level and the deck above for the drywall studs? Or are the walls to be carried just above the ACT?
10. Are Bid Bond forms AIA or does Biddeford have a form they use?

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## RFI Response

1. Any existing electrical boxes are to remain unless demolition is needed for locations of new walls.
2. Any of the existing wiring is allowed to remain if unchanged. However it must be properly anchored to code above the drop ceiling. Any new wiring must comply with current code.
3. All Fire Alarm Notifications can be Audible only Low frequency sounders instead of audio/visual signals.
4. All new rooms should be provided with smoke detectors. Any existing smoke detectors should be relocated or remain as needed based on new wall locations.
5. Thermostats are to be provided by the HVAC contractor.
6. Where possible existing fixtures should be reused. Any new fixtures at dorm rooms shall be 2x4 LED Lensed Troffer lights recessed mounted in ceiling grid, Color Temperature: 4000K. Contractor is responsible for supplying any necessary adapters or mounting kits for all new fixtures. Basis of design is Lithonia Lighting GTL LED Lensed Troffer (See attached spec sheet). Substitutions are allowed.
7. We are working on getting the model number for the existing lighting controls. Aftermarket relays and switches are allowed to be used for all new controls.
8. The existing alarm system is a Silent Knight 5808 127 Point Fire Alarm Control Panel. See attached estimate from Maine State Security and specifications for additional information on existing systems. There are currently +/-35 devices on the system. Battery calculations could not be provided. Below is an image of one of the batteries for reference.



9. The dimension from floor to underside of roof deck is 13'-1". The walls however should be extended to just above the ACT ceiling which is 8'-6".
10. A standard AIA Bid Bond Form is acceptable.

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