



UNIVERSITY OF  
**SOUTH CAROLINA**

**AMENDMENT NO. 2**

**TO:** ALL VENDORS  
**FROM:** Lana Widener  
**SUBJECT:** USC-RFQ-2737-LW  
**DATE:** January 8, 2015

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This Amendment No. 2 modifies the Request for Quotes only in the manner and to the extent as stated herein.

**ITEM ONE: DEADLINE FOR RECEIPT OF QUOTES HAS BEEN EXTENDED**  
The deadline for Receipt of Quotes is extended until Tuesday, January 13, 10:00 AM.

**ITEM TWO: VENDOR QUESTIONS**  
Based on the photographs provided earlier and our specialists' survey of the elevators this morning, we wanted to make sure USC was aware of the following Safety, ADA, and Code Compliance issues. The current elevator cab interiors installed at the Capstone Residence Hall (on the USC Campus) "appeared" to have been field modified at least once since their original installation and "none" are code compliant. Therefore, we are recommending that USC revise the associated RFQ (attached) to avoid this issue in the future. For reference (only), here are 3 of the issues identified:

1. Existing cab panels were installed with material that was not fire rated and some and/or all of the panels, backing, and/or adhesive materials are not code compliant for elevator enclosure installation and/or modification.
2. Existing cab panels were installed over original and subsequently the panels, backing, and/or adhesive materials are covering all of the original ventilation as required for elevator enclosure installation and/or modification.
3. Only one of the existing elevator cab interiors includes handrails and it is our recommendation based on the Americans with Disabilities Act that at least one handrail be installed on the rear wall of each elevator.

Please note that our findings are based on the experience and collaboration of several industry experts who agreed it is imperative that USC require that all work associated

with the attached RFP be code compliant so the new elevator enclosure are both Code Compliant and Safe (plus it is also important to note that code compliant material and installation procedures can be significantly more expensive than standard and/or noncompliant materials and/or installation procedures).

To help USC avoid similar issues in the future, here are a few excerpts from the attached (bcrs18.pdf) elevator code reference guide about having existing elevator cab enclosures modified:

*(13) Car Enclosures. Materials of elevator car enclosures shall conform to the requirements of Rule 204.2a.*

*(2) Where an existing enclosure other than specified in Rule 1202.5(c) (1) is retained and new material is installed, the new material and adhesive shall conform to the following requirements, based on the tests conducted in accordance with the requirement of ASTM E 84, UL 723 or NFPA 255:*

*(a) Flame spread rating of 0 to 25*

*(b) Smoke development of 0 to [450] 100.*

*(c) Toxicity shall meet the requirements of Section 27-348(e) of the Building Code.*

*If the material or combination of materials installed exceeds ¼ in. (6.4 mm) in thickness, the car enclosure shall conform to the requirements of Rule 204.2a (1).*

*(3) [Napped, tufted, woven, looped, and similar materials shall conform to the requirements of Rules 204.2a (1) and (2) or Rule 1202.5(c)(2) and Sections 1104 and 1106. Adhesive shall conform to the requirements of Rule 1202.5(c) (2).] Materials for insulating, sound deadening or decorative purposes may be used for lining enclosures if firmly bonded flat to the enclosure without intervening air spaces. Such materials shall not be padded or tufted, shall be Class A interior finish pursuant to Section 27-348(b) of the Building Code and shall have a smoke development rating of 0 to 25 pursuant to Section 27-348(d) of the Building Code.*

*204.2a Material for Car Enclosures, Enclosure Linings, and Floor Coverings. - All materials exposed to the car interior and the hoistway shall be metal, laminated glass {Rule 204.1h(3)(a)}, or shall conform to the following.*

*(1) Materials in their end use configuration, other than those covered by Rules 204.2a (2), and (3), and (4), shall conform to the following requirements, based on the tests conducted in accordance with the requirements of ASTM E 84, UL 723, or NFPA 255:*

*(a) Flame spread [index] rating of 0 to [75] 50;*

*(b) Smoke development of 0 to [450.] 100;*

*(c) Toxicity shall meet the requirements of Section 27-348(e) of the Building Code.*

*(2) [Napped, tufted, woven, looped, and similar materials in their end use configuration on car enclosure walls shall conform to the requirements of Section 1104. The enclosure walls to which this material is attached shall conform to the requirements of Rule 204.2a (1).] Materials for insulating, sound deadening or decorative purposes may be used for lining enclosures if firmly bonded flat to the enclosure without intervening air spaces. Such materials shall not be padded or tufted, shall be Class A interior finish pursuant to Section 27-348(b) of the Building Code and shall have a smoke development rating of 0 to 25 pursuant to Section 27-348(d) of the Building Code.*

*(3) Padded protective linings, for temporary use in passenger cars during the handling of freight, shall be of materials conforming to [either] Rule 204.2a (1) [or (2)]. The protective lining shall clear the floor by not less than 4 in. (102 mm).*

*(4) Floor covering, underlayment, and its adhesive shall [have a critical radiant flux of not less than 0.45 W/cm<sup>2</sup> as measured by ASTM E 648.] meet the requirements of section 27-351(d) of the Building Code.*

*(5) Handrails, operating devices, ventilating devices, signal fixtures, audio and visual communication devices, and their housings are not required to conform to the*

*requirements of Rule 204.2a(1) through (4).*

Please provide response to the following 3 questions for clarification:

1. Will RFQ be revised to include at least one Handrail installed in each elevator enclosure?
2. Will RFQ be revised to include language requiring that all materials used be fire rated and code compliant for elevator enclosure installation and/or modification?
3. Will RFQ be revised to include language requiring that new panels be installed to be code compliant as to provide proper ventilation (which may be covered by #2)?

Answers to Vendors Questions:

1. USC requires a new handrail in 2 of the 3 elevators. Contractor will reinstall the current handrail in 3<sup>rd</sup> elevator.
2. Yes, all materials used on this job are to be fire rated and code compliant for elevator enclosure installation and/or modification.
3. Yes, all new panels installed are to be code compliant as to provide proper ventilation.

**BIDDER SHALL ACKNOWLEDGE RECEIPT OF AMENDMENT NO. 2 IN THE SPACE PROVIDED BELOW AND RETURN IT WITH THEIR BID RESPONSE. FAILURE TO DO SO MAY SUBJECT BID TO REJECTION.**

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Authorized Signature

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Firm

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Date