

ADDENDUM 2

for

Fire Station I (Central Station) Modifications Replacement of 6 Overhead Doors, Widening Four Apparatus Entries, Historic Brickwork & Misc. Structural Improvements

**Bid #51-08
July 30, 2008**

The following questions and answers form addendum #2 to the bid proposal and specifications for the above noted project.

Please acknowledge receipt of this addendum within your proposal, failure to do so may subject a bidder to disqualification.

1. Careno Construction - There is not much information on the trim that needs to be re-installed around each overhead door. Please clarify.

A. Trim work has been included under Section 06100, Rough Carpentry of the specification. New trim should be similar to the profile currently in place, primed and painted white.

2. Careno Construction - It doesn't say how much of the interior ceiling must be painted, after installation of new ceiling surface. Does the entire ceiling need to be painted to satisfy HDC requirements?

A. This contract does not anticipate that the entire ceiling will require repainting as a consequence of the work being performed. The City does expect that the affected work and immediate adjacent ceiling area be repainted along neat straight lines across the front of the building as well as at the beam to be replaced over Bay 2 and the color matched as closely as practical to the existing shade of white.

3. Careno Construction - Existing brick appears to be frogged on one face which may be much more difficult to clean and preserve this masonry when removing.

(An example of frogging for those that are not familiar with the term has been attached to this email for your review.)

A. An opportunity has been offered to bidders to each remove one brick to determine the level of effort needed to remove and preserve these masonry units for reuse. All contractors declined this offer, although a representative from one construction firm did make an appearance at the site. If bidders believe that replacement of the brick, rather than removal and resetting, is the only feasible option, then the bidder will be expected to have secured a supplier that will provide brick of a similar color and texture as the original masonry being removed and within the prescribed period of construction. All bids will be expected to consider potential replacement of this masonry, if preservation is conclusively determined to not be possible.

4. Overhead Door - This email is in response to your statement that the floor to ceiling dimension is approx. 12' 0". In measuring headroom for a sectional door, it is necessary to measure from the point at where the door sits on the floor to the point directly above that at the ceiling. Outside looking in, from left to right, the floor to ceiling dimension where the door will land on the 3rd door from the left is 11' 9 3/4", the fourth door 11' 9 1/2". This translates to 6 3/4" of headroom and 6 1/2" of headroom for these two doors. I have discussed this with Ed Fimbel of Fimbel Architectural Door Specialties and he has some reservations with this small amount of clearance. With torsion springs, the springs will have to be located at the rear - there is a 2 1/2% grade from 40' out, up to the point where the floor then slopes back into the building behind where the door will sit. I have a concern that some pieces of fire apparatus have the rear wheels located

a fair distance forward of the rear of the truck and that ladders etc. can be aiming upwards at the rear torsion springs for quite a distance until the rear wheels drop into the building. This wouldn't be the first fire station / fire truck combination that this has happened where equipment hits the springs. Would extension springs be acceptable in these 2 bays? That is the type of spring that is on the existing doors.

A: The headroom clearance that seems to be of greatest concern seems to be from the bottom of door lintel to ceiling. (Please let me know if this is the correct item of concern) I will go out to the site in the morning and confirm the clearance at Door #2, which is currently at the elevation that the remaining 3 central doors lintels will be raised up to and will report back this dimension. Regarding the spring system, we understand your concern regarding safety of strain release of a torsion spring if impacted if located at the rear of the door in its open position. We will discuss this with the City's in the morning as well and will report back by email.

A2. Threshold to Ceiling = 12'-0"

Threshold to Lintel = 11'-3³/₄"

Apparatus floor to Ceiling - 12'-0³/₄"

Bottom of Lintel to Ceiling = 8¹/₄"

A3. The City would prefer that all bidders quote torsion springs for all overhead doors to be installed for purposes of this bid. If extension springs must be considered, a change order will be made with the selected contractor.

ATTENTION: Moulton Custom Door of Vermont has declined to be a overhead door fabricator for this project yesterday. Please refer all overhead door fabrication questions to Fimbel Architectural Door Specialties at 908-534-1732.

END OF ADDENDUM #2