

TG08.1 - Glazing Design-Build

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Question No.	Submission Date	Question	Response
TG08.1-0040	7.14.2011	Is it acceptable to use 304 stainless in lieu of 316 where the material will be painted per 09 97 15?	The substitution is not acceptable.
TG08.1-0041	7.14.2011	Reference Spec. Sections 08 44 33, 08 44 26, 08 44 23, 08 44 36, 08 63 03 Exhibit I, the TG08.1 Concept Schedule, shows that the glazing contractor's work will not be substantially complete until January of 2017. Specification Sections (listed above), all state that the glazing contractor will have to provide a 10 year warranty (see Paragraph 1.16 in each ref. spec section). Consequently, the warranty period, as currently specified, will run until January of 2027. We note that question no. TG08.1-0007, previously asked regarding the bonded warranty period, was answered by referencing General Conditions Specification 00 07 00, Article 10, Insurance and Bonds. Article 10.02B states that the performance bond will cover "all warranty and maintenance work required by the contract documents..." thus, the performance bond is also currently specified to run at least to January of 2027, and possibly longer. Such a bond is not commercially available, and no reputable surety will provide such a bond. Please confirm that the portion of the warranty period that is required to be covered by the performance bond will be reduced to the industry standard for building enclosure subcontractors of one year past the date of substantial completion, so that bidders will be able to provide bonding for this package.	The bonding requirements will remain as currently indicated in Section 00 70 00, General Conditions.
TG08.1-0042	7.19.2011	Reference paragraph 1.1-A of specification 10 81 13. #2 refers to a "Wire grid system mounted on structure", but there is no indication of where this is intended or how it is expected to be suspended on the drawings. Please provide details for cable grid design and mounting hardware requirements and locations.	See reply to TG08.1-0027. Also note the specification section 10 81 13/ 3.2B describes the execution mounting of the wire grid track system. In addition see TG08.1-0051.
TG08.1-0043	7.19.2011	Reference paragraph 2.2-B of specification 10 81 13. This section describes the "Eagle Eye" visual deterrent. There is no indication on the drawings of the number of these units and placement on the building? Please provide direction.	The Eagle Eye Visual Deterrent will be located outside the scope of the current bid package TG08.1 scope of work.
TG08.1-0044	7.19.2011	Reference paragraph 2.1.D.3 of specification 08 44 26. Stainless Steel Castings to "match TIPA Representative's control sample". Please provide sample in order for bidder to price accordingly.	See the attached Euro Inox, The European Stainless Steel Development Association "Guide to Stainless Steel Finishes." This document is also utilized by the North American stainless association, The Nickel Institute. On pages 11 and 12 of this Guide, the specified finish is described and images of the finish are included.
TG08.1-	7.19.2011	Reference drawing sheet A1-5105.	W-3 door bottom rails will be 10"

0045		Some of the elevations indicate a 10" bottom rail while others do not. Is a 10" bottom rail required on all doors?	high. W-8 door bottom rails shall be a minimum of 10" high, but shall align with adjacent glazing base.
TG08.1-0046	7.19.2011	Reference paragraph 2.3.A.1.E of specification 08 32 49. Calls for 2-point locks. The same section under 2.3.A.2.E says to provide emergency exit devices and an automatic locking system. Please advise which is correct.	2-point locks will be deleted from the specification in a future addendum.
TG08.1-0047	7.19.2011	Reference drawing sheet A1-5105. Some elevations indicate all four panels to have the breakout feature and some only indicate the sliding panel to have this feature. Please advise which is correct.	A1-5105 does not indicate any breakout door features. See the A1-8000 drawings (e.g. A1-8203) for sliding doors that have breakout door feature.
TG08.1-0048	7.19.2011	Reference specification 08 32 49. One of the specified auto door manufacturers has indicated the maximum slide panel weight is 156 pounds and the size cannot exceed 32 square feet. Due to the size of the panels and the weight of the specified glass most of the panels exceed 300lbs in weight. Either the glass cannot exceed 4.875 lbs/sf or the panels must be considerably smaller. Is either acceptable?	Neither option is acceptable. Provide door sizes shown on the documents with the required glass thickness to meet the performance requirements.
TG08.1-0049	7.19.2011	Reference drawing sheet S1-6040. W-8 drawing S1-6040 only shows south, west, and east elevation. Which drawing has the north elevation drawn on it? Or is it identical to the south elevation?	The North Elevation is to match with opposite hand orientation the Elevation 02/S1-6040 labeled "Glass Box South Elevation." The elevation label on S1-6040 will be altered in a future addendum.
TG08.1-0050	7.19.2011	Reference drawing sheets S1-6000, 1/A41-8205, 5/A1-8355, 4/A1-8405 and specifications 05 05 12 and 05 12 13. Can you provide us with clear direction on the finishing requirements for the Transbay Transit Center steel, the specs and drawings do not provide total clarity as far as we're concerned. The basic question is whether or not galvanizing is needed, and if so, is it intended to be applied as a standalone finish or as part of the paint system? (If part of the whole system do they know that the appearance will suffer, and be less aesthetically pleasing than normal). Sheet S1-6000 general notes mentions all steel to be galvanized and painted as required per the specs. The galvanizing spec 05 05 12 states galvanizing is only needed for exterior steelwork exposed surfaces, however it is not clear which ones they are referring to. The following specs also call out galvanizing: <ul style="list-style-type: none"> • W-3 spec page 35 indicates all steelwork to be galvanized • W-1, W-8, and W-10 specs refer back to W3 spec (all steel galvanized) However, the following 2 specs do not require galvanizing	All the steel work in the design-build work shall be hot dipped galvanized including any steel work used in the aluminum W-4 system. All exposed galvanized steel shall be painted with the coatings specified.

		<ul style="list-style-type: none"> • High Performance Coating spec 09 97 15 page 4 says prime + intermediate + finish coat • AESS spec 05 12 13 page 5 says prime finish only (and to galvanize only the elements shown to be galvanized on the plans - however I do not see finishes called out on the plans for specific steelwork areas). <p>See for example W-8 architectural drawing A1-8355 detail 5 (attached) "H.D.G. PTD MOMENT FRAME..." H.D.G. Hot Dipped Galvanized!</p> <p>For W-10 drawing A1-8405 Detail 4 "H.D.G. PTD SYILIGHT MULLION..."</p> <p>For W-3 drawing A1-8205 Detail 1 "Hot dipped galvanized steel"</p>	
TG08.1-0051	7.22.2011	<p>Reference drawing A1-8120 and Spec Section 10 81 13</p> <p>Are the shock tracks only on the horizontal stiffened Round HSS Sections of W-1 as shown on A1-8120 Detail 3+4+6 or are they on all horizontal Round HSS no matter if they are stiffened or not?</p>	Shock track is not specified at every horizontal round HSS on the W-1 system. Provide continuous shock track at the top and bottom round HSS section of the W-1 system, whether the round HSS is stiffened or not. Provide shock at all struts for the W-1 system as specified on the details referenced in the question. In addition, see TG08.1-0027 and TG08.1-0042.
TG08.1-0052	7.22.2011	<p>Reference Spec Section 10 81 13</p> <p>We found no drawings showing the specified Visual Deterrant Systems. Please give the required number and location.</p>	The Visual Deterrant System is not part of the TG08.1 bid set, and drawings are not included at this time.
TG08.1-0053	8.2.2011	NTP #02 Mock-ups/Testing - TG08.1 is dated 21-Dec-11. We understand that this date is just for initiation for the mock-up and testing. Please let us know when the laboratory testing of the necessary mock-ups should take place.	This answer will be issued in Addendum No. 2.
TG08.1-0054	8.2.2011	Please explain how the given Milestones for NTP Procurement/Fabrication (start 20-Mar-12) and for NTP Deliver/Install for the different systems (start 06-Dec-12 to 29-Aug-13) work together with the given installation period from the concept schedule (02-Feb-16 to 19-Jan-17). Do you want us to purchase and fabricate everything starting in 2012 and then store everything until installation starts in 2016?	This answer will be issued in Addendum No. 2.