

**HILLSBOROUGH COUNTY SHERIFF'S OFFICE
FINANCIAL SERVICES DIVISION
PURCHASING UNIT
QUESTIONS AND ANSWERS FOR
RFP NO. 4-18 Tactical Building As of April 5, 2018**

Question#16: *The latest Q/A, Item #6 specifies a TPO Roofing membrane. Drawings Sheet 02 of 19 clearly notes a painted-on DURABAK-18 Polyurethane Coating.*

Please clarify which is the desired system.

Answer #16: Please see Amendment #3, which includes an update to Technical Specifications, (Part C)(2)(c).

UPDATED ANSWERS TO PREVIOUSLY RELEASED QUESTIONS

Question #9: *The WESCO Model HC-1 plans call for 2" thickness of the lightweight concrete. What is the PSI? How much fiber reinforcing per yard?*

Answer #9: The concrete floor covering, for the upper levels, is not intended to complete a composite design. This concrete covering is considered fill only and does not require a particular design strength to be met. However, a 108 pcf concrete is required as called out on the drawings. A 3/8" maximum aggregate and reinforced with fibers is also recommended for this type of environment. It is important to use control joints throughout (11' maximum spacing on joints) and to ensure that some of these joints are used to isolate the columns and rappelling anchors. Fiber reinforcing amount should be added as recommended by the concrete plant.

Also an important note that the TTS drafter accidentally removed the fact that the roof levels (not floor levels, floors are flat) should be 2 to 3 inches of concrete to accommodate the slope of the roof to shed water. The slopes were shown on the roof but it should be noted that the high points on the roof should be 3" and low points should be 2". This will be updated on the erection set of drawings and shared via ~~an Amendment~~.

Updated answer to Question #9 as follows:

Answer #9: The concrete floor covering, for the upper levels, is not intended to complete a composite design. This concrete covering is considered fill only and does not require a particular design strength to be met. However, a 108 pcf concrete is required as called out on the drawings. A 3/8" maximum aggregate and reinforced with fibers is also recommended for this type of environment. It is important to use control joints throughout (11' maximum spacing on joints) and to ensure that some of these joints are used to isolate the columns and rappelling anchors. Fiber reinforcing amount should be added as recommended by the concrete plant.

Also an important note that the TTS drafter accidentally removed the fact that the roof levels (not floor levels, floors are flat) should be 2 to 3 inches of concrete to accommodate the slope of the roof to shed water. The slopes were shown on the roof but it should be noted that the high points on the roof should be 3" and low points should be 2". This will be updated on the erection set of drawings and shared via a Change Order, refer to Part B, paragraphs 16 and 25. Proposers should respond based on current available information.

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Question #14: *Is the Durabak supplied by the building manufacturer (Tactical Training Facilities)?*

Answer #14: ~~Yes, the Durabak will be supplied by TTS.~~

Updated answer to Question #9 as follows:

Answer #14: Durabak is not needed based on Amendment #3, which includes an update to Technical Specifications, (Part C)(2)(c).