

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

Question#6: *Per Pre-Bid Action items, HCSO was to provide information on the Tactical Training System (TTS) roofing recommendation. What is the requirement?*

Answer #6: TTS has provided information recommending the use of a .60 mil Thermoplastic Ployolefin (TPO) Roofing. No other roof type will be considered. Approved Manufacturers: Carlisle SynTec; Flex Roofing Systems; GAF Commercial Roofing Products; Versico Roofing Systems; Johns Manville or an approved equal manufacturer. Approved equal manufacturer shall be submitted and approved prior to the close of the question and answer (Q&A) period. Walkway pads will not be required at this time.

Question #7: *What free draining fill under foundation is specified? How thick? Located on foundation plan by JBM & R Engineers.*

Answer #7: Free draining fill shall conform to ASTM D422 per the bottom left portion of Exhibit A, page C-3. Place 6" of free draining fill under all slabs.

Question #8: *How much fiber reinforcing per yard on the foundation?*

Answer #8: The Contractor should use 4lbs of fiber per each yard of concrete.

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.

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Question #10: *Is there an alternate concrete mix in lieu of the lightweight?*

Answer #10: No, there is no alternate concrete mix at this time. The tower was designed to accommodate 108 pcf concrete dead load.

Question #11: *The interior concrete pours will be inside the building and will take longer for the concrete to cure and finish. Is there a workable schedule for after the 5:30 PM closing schedule?*

Answer #11: Yes, as identified in the Pre-Bid Meeting Minutes: Working hours at the Walter C. Heinrich Practical Training Site (WCHPTS) are 6:30 AM to 5:00 pm. Any work outside of those hours will need to be cleared by the Trades Maintenance Supervisor a minimum of three (3) days in advance.

Question #12: *Can we have an earlier start time for the pour?*

Answer #12: Yes, as identified in the Pre-Bid Meeting Minutes: Working hours at the WCHPTS are 6:30 AM to 5:00 pm. Any work outside of those hours will need to be cleared by the Trades Maintenance Supervisor a minimum of three (3) days in advance.

Question #13: *Do the saw cut expansion joints need to be filled with an epoxy joint compound before installing the Durabak? If so, what is the type and the manufacture?*

Answer #13: No, epoxy joint compounds are not required at expansion joints but ensure that the joints are at a maximum depth of 25% of the thickness of the concrete (approximately 1/2" deep).

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

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

Question #15: *Is the Xylene supplied by the building supplier?*

Answer #15: No, the Xylene is not supplied by TTS and is the responsibility of the contractor.