

FLORIDA DEPARTMENT OF TRANSPORTATION

**Florida's Turnpike Enterprise
Design Build Request for Proposal**

For

Broward County Camera Project Part 2

**Contract No. E8K25
FPID No. 417121-2-52-01**

RESPONSE TO QUESTIONS GROUP 1

Question No. 1 What permits have been obtained by the Department?

Response: **No permits have been obtained by the Department. The contractor shall obtain all necessary permits.**

Question No. 2 What load should be utilized for voltage drop calculations?

Response: **The voltage drop calculations shall account for 13 Amps at each local hub and 25 amps at the last local hub on each circuit. The RFP section V:H:1 Submittals states voltage drop shall be no greater than 7% from the service to the device. A 30 Amp circuit breaker is required at each local hub accommodating a maximum load of 25 Amps. However, for the purposes of voltage drop calculations, 12 of the 25 Amps is allocated for the maintenance power outlet and needs only to be accommodated in regards to voltage drop on one local hub within each power circuit: the farthest local hub on the branch circuit. FTE understands the approximate power draw of the proposed equipment is 7 amps or less; the additional 6 amps is to ensure the circuits still meet the voltage drop requirements after future equipment is installed.**

Question No. 3 The Division 1 Specifications provide for final acceptance upon completion of all of the work. The Standard Specifications for ITS also reference Section 5-11 for acceptance. The RFP, however, on page 25 of 51 requires a 30-day burn-in period. Is it the Department's intention to modify the Division 1 Specification? If yes, is the 30-day minimum period outside of the maximum allowable duration of 280 Days per the RFP on page 19 of 51 as has been the case in previous FDOT specifications?

Response: **The Departments' Division 1 Specification is correct as written and will not be changed. The burn in time of 30 days is included in**

the contract time. However, in reviewing the contract time with our scheduler we discovered that the logic for the burn in period was incorrectly stated. Correcting the logic with the burn in period starting at the correct point in time increased the contract time to 289 days. The contract time will be changed. See Addendum No 1.

Question No. 4 Is the Design Build Team responsible for the layer 3 (router) switch configuration and integration?

***Response:* The contractor shall coordinate with FTE ITS for IP assignments but will be responsible for configuring proposed field devices.**

Question No. 5 Is the Deign Build Team responsible for any additional materials at the Layer 3 (router) switch locations including but not limited to Gbics, fiber jumpers, blades, etc.?

***Response:* The D/B Firm shall “drop and insert” the proposed fiber switches onto active fibers which already have GBIC access to the layer 3 switches in the master hubs. The D/B firm is not responsible for optics anywhere other than the proposed network switches. Please note the proposed switches must be optically compatible with existing switches.**

Question No. 6 Is the Design Build Team responsible for the integration of data into the Sunguide graphic user interface? Specifically referring to the installation of the hyperlinks on the Sunguide mapping system for each of the proposed devices.

***Response:* The contractor shall provide a device spreadsheet with all pertinent information regarding each device to FTE. FTE will integrate the proposed device information into SunGuide so the contractor can then perform the required Conditional System Acceptance Test (CSAT) and Burn-In.**