



District Address: District 7 Construction Office, located at 11201 N McKinley, Tampa, FL 33612

District Phone: (813) 975-6285

Proposal: T7444

Project: 441083-2-52-01

Letting Date: 4/29/2020

Location: CENTRAL OFFICE

Description: SR 93A (I-75)

Question: 29351: Please provide AutoCAD File (.DWG) for the Roadway Lighting in order for Alternate Luminaires to be calculated. Posted: 3/30/2020 3:08:10 PM

Answer: The roadway lighting, roadway design, and topographic survey CADD files are included with this response. Status: ANSWER PUBLISHED

Posted: 4/3/2020 10:57:37 AM

Document: 9928762: DSGNLT01.dgn

Roadway Lighting

Document: 9928768: DSGNRD01.DGN

Roadway Design

Document: 9928771: TOPORD01.dgn

Topographic Survey

Question: 29452: Regarding the Wireless Vehicle Detection System (WVDS), Pay Items 690-5-11/690-5-12/690-5-13), are all manufactures listed on the Departments IPL approved for the installation of the WVDS? Posted: 4/10/2020 2:43:00 PM

See IPL for Vehicle Detection System - Truck Parking Detection System

Answer: No response required per question 29453.

Status: ANSWER PUBLISHED

Posted: 4/20/2020 8:48:15 AM

Question:	29453: Correction to Question #29452 Question: Regarding the Wireless Vehicle Detection System (WVDS), Pay Items 660-5-11/660-5-12/660-5-13, are all manufactures listed on the Departments IPL approved for the installation of the WVDS? See IPL for Vehicle Detection System - Truck Parking Detection System	Posted:	4/10/2020 2:55:00 PM
Answer:	Yes, all manufacturers listed on the Department's IPL for Vehicle Detection System-Truck Parking Detection are approved for use.	Status:	ANSWER PUBLISHED
		Posted:	4/20/2020 8:46:08 AM
Question:	29505: It appears that the Phase III Temporary Traffic Control Plan is not included, please provide this plan.	Posted:	4/17/2020 8:29:33 AM
Answer:	The Phase III overview is shown on sheet 182 and did not require a detail sheet. The Phase III phasing notes are shown on sheet 177.	Status:	ANSWER PUBLISHED
		Posted:	4/22/2020 10:59:00 AM
Question:	29528: Please provide the details for the well abandonment item. Specifically the depth and diameter of the well, and the Recharge Capacity(GPM) so the contractor can properly price this item.	Posted:	4/20/2020 8:28:58 AM
Answer:	According to permit number 609628.01, the estimated well depth is 260' with a diameter of 4". The casing depth is estimated to be 110' and the septic flow rate is 40,000 GPD with a submersible pump of 80 GPM.	Status:	ANSWER PUBLISHED
		Posted:	4/22/2020 11:00:58 AM
Question:	29530: ITS Plan Sheet IT-9 notes to see the Roadway Component Plans for a summary of general items for Pay Item 751-2. I could not locate a summary of general items in the Roadway Plans. Additionally, Pay Item 639-2-1 for the Generator Circuit is listed as "In Kind". Please provide the service conductor size for the 350KW Generator, Feeder from TECO to NEW 1200A Disconnect/ATS and to the existing Building 1200A MDP.	Posted:	4/20/2020 10:44:42 AM
Answer:	The summary of general items is located on sheet SQ-1 along with pay item 751-2. For pay item 639-2-1, bids should be based on a 4 inch conduit with 1250 circular mils per conductor and neutral.	Status:	ANSWER PUBLISHED
		Posted:	4/22/2020 11:07:59 AM

Question: 29531: Regarding Pay Item 751-2: Posted: 4/20/2020 10:55:45 AM

Based on the 1200A rating @ 208V 3 Phase, the conductor runs will need to be parallel runs (3 Each) of a conductor size which will need to be installed in a conduit sized greater than 2".

Please provide the electrical engineering design as required for all applicable Pay Items required for Pay Item 751-2.

BOE Details: "The Designer should ensure that the description, materials, construction/installation requirements, method of measurement and basis of payment are available in the contract documents to clearly define the work to be completed for payment under this item."

Answer: Bids should be based on a 4 inch conduit with 1250 circular mils per conductor and neutral. Status: ANSWER PUBLISHED

Posted: 4/22/2020 11:17:14 AM

Question: 29536: Will the department please provide a MicroStation (DGN) design file for sheet IT-5, including the reference files so a design recommendation list can be created with the Sensys networks components? Posted: 4/20/2020 2:45:12 PM

Answer: The ITS design, roadway design, and topographic survey CADD files are included with this response. Status: ANSWER PUBLISHED

Posted: 4/23/2020 2:40:23 PM

Document: 10027798: DSGNIT01.dgn

ITS DGN File

Document: 10027799: DSGNRD01.DGN

Roadway DGN File

Document: 10027810: TOPORD01.dgn

Topographic Survey DGN File

Question: 29568: Is a Pavement Core Report available for the existing pavement at the ramps and parking areas? Posted: 4/22/2020 8:36:31 AM

Answer:	A pavement evaluation report was completed on 12/8/2016 and is available, however it was done for FPID 437637-1, where the ramps were milled 3.5" and resurfaced with 2" of SP (Traffic D) and 1.5" of FC-12.5 (Traffic D)(PG 76-22).	Status: ANSWER PUBLISHED
		Posted: 4/23/2020 3:31:56 PM
Question:	29570: Concrete Pavement Notes 2, 3, and 4 on Sheet 24 General Notes pertain to concrete slab replacement. We have not identified any areas where this work will be performed. Are there any areas that require slab replacement? If so under what bid item will this work be paid?	Posted: 4/22/2020 9:38:49 AM
Answer:	These are general concrete notes that we were asked to include in the plans in case a concrete slab needed to be replaced during construction, covered under warranty. No existing concrete slabs will need to be replaced for this project.	Status: ANSWER PUBLISHED
		Posted: 4/23/2020 3:32:30 PM
Question:	29583: I'm having trouble finding truck parking magnetometers on the APL please advise.	Posted: 4/22/2020 2:37:03 PM
Answer:	Magnetometers on the APL are listed at the following link - https://fdotwp1.dot.state.fl.us/ApprovedProductList/ProductTypes/Index/464 . However, please note that Truck Parking Detection Systems are listed on the IPL at the following link - https://www.fdot.gov/programmanagement/productevaluation/ipl/iplindex.shtm . All manufacturers listed on the Department's IPL for Vehicle Detection System-Truck Parking Detection are approved for use per the response provided to Question 29453.	Status: ANSWER PUBLISHED
		Posted: 4/23/2020 3:33:32 PM
Question:	29616: Please review answer to question regarding power feed from TECO to generator to building. "For pay item 639-2-1, bids should be based on a 4 inch conduit with 1250 circular mils per conductor and neutral." Is 1250 AWG/kcmil intended?	Posted: 4/23/2020 11:02:18 AM
Answer:	Yes, 1250 kcmil is intended.	Status: ANSWER PUBLISHED
		Posted: 4/24/2020 5:20:28 PM

Question: 29640: I realize the Q & A Deadline has passed but it's important to note that the Answer to Question ID: 29531 should be based on Table 310.15(B)(16) of the NEC. Posted: 4/23/2020 4:38:00 PM

The run of conduit and conductors will need to be 2-Parallel runs of 1000MCM, as 1250MCM is a non-standard size for wire manufactures.

Additionally, the building feeder could be installed as 3-Parallel runs of 500MCM based the allowable ampacities in Table310.15(B)(16) of the NEC.

**Note: Conductor ampacities should be based on Type is XHHW, utilizing Table310.15(B)(16) of the NEC.

Also, Pay Item 635-2-11 is inadequate for the TECO Building Feeder Conductors.

Answer: Two parallel runs of 1000 kcmil may be used in place of the 1250 kcmil. 3 runs of 500 kcmil conductor per phase is acceptable for the feeder from the TECO transformer to the electric building. Status: ANSWER PUBLISHED
Posted: 4/24/2020 5:30:06 PM

Question: 29644: Sheet IT-9 of the ITS Plans calls for Chain Link Security Fence. The pay item description is FENCING, TYPE B, 5.1-6.0', STANDARD. Please clarify if standard fencing or fencing with barbed wire is required. Posted: 4/24/2020 11:24:06 AM

Answer: Only standard fencing is required. Status: ANSWER PUBLISHED
Posted: 4/24/2020 5:30:59 PM