

Pre-bid questions and answers for:

FPN: 256881-1-52-01

Contract #: T7213

Let Date: 7/22/09, 8/5/09

Below are the pre-bid questions and answers. We appreciate your patience and look forward to your favorable bids.

Submitted 6/4/09:

1) At the FDOT Industry Meeting it was stated and shown (page 5 of the presentation) by Contracts that the Pre-Qualified work class requirements for this project is Major Bridge Curved Steel Girders. However, on page 2 of 10 of the RFP, par III a. states a different requirement for the prime contractor. Please clarify! Thank you!

Response: The RFP has been amended to clarify contractor prequalifications.

Submitted 6/8/09:

2) Can FDOT provide to us the Comp Books and the Soils Report for this project? Is it possible to receive the digital design files for this project?

Response: The Comp Books and Soils Reports for this project are available for download at the following URL: <ftp://ftp.dot.state.fl.us/LTS/D7/d7bidquestions/256881/> Please be sure to download the Comp Books and Soils Reports for both Financial Numbers for this project (e.g. 256881-1 and 256881-2). Digital design files will not be provided for this project prior to contract award.

3) We could not find the Expedite file on the Bid CD. Will this file be made available?

Response: The Expedite file is on the proposal CD. Due to the size of this project, the proposals are being manually approved. The plan and spec CD was shipped already and the proposal CD was shipped separately. The proposal CD was shipped on 6/8/09 and you should be receiving it shortly.

Submitted: 6/9/09:

4) We appear to be missing some plan sheets for Utility Relocation Project No. 256881-1-56-03 Pinellas County Water Distribution and Transmission, Whitney to Seville. The file includes plan sheets U-1 thru' U-49. The Index on Sheet U-1 indicates there should also be plans U-50 thru' U-82. Are there some plan sheets missing?

Response: The referenced sheets are missing from the original utility 'project.pdf' file. The missing sheets will be added via a forthcoming revision. The updated 'project.pdf'

file containing these missing sheets is available for download at the following URL:  
<ftp://ftp.dot.state.fl.us/LTS/D7/d7bidquestions/256881/256881-1/Utility%20Plans/>

5) Will FDOT provide the design for the temporary pavement (including base) for this project?

Response: 06/24/09: No. The contractor is responsible for the design, installation, maintenance and removal. All costs are to be included in pay item 102-1, Maintenance of Traffic, Lump Sum.

Submitted: 6/16/09:

6) Project 256881-1-52-01 sheet 39 has an asphalt curb detail. Please provide depth for the asphalt curb pad.

Response: 06/24/09: The bottom of the asphalt curb pad will match the bottom of the adjacent B-12.5 base on the roadway and the top of the curb pad will go to the bottom of the curb. The depth will typically range from 5 ¾" to 7 ½". The cost of the curb pad shall be included in the cost of the associated curb.

7) Are the asbestos survey available for this project, if so please provide.

Response: The Asbestos Surveys for this project are available for download at the following URL: <ftp://ftp.dot.state.fl.us/LTS/D7/d7bidquestions/256881/> Please be sure to download the Asbestos Surveys for both Financial Numbers for this project (e.g. 256881-1 and 256881-2).

8) Can you please verify the quantities for 0548-12 MSE Walls 256881-2-52-01 bridges 150260 151,516 SF and 150262 100,562 SF, we have taking off 107,000 SF and 84,000 SF respectively

Response: 06/25/09: The correct quantity for pay item number 548-12 for Bridge #150262 is 104,507 SF. The correct quantity for Bridge #150260 is 80,245 SF. These revised quantities will be included in a forthcoming plans revision.

9) Project 256881-2-52-01 Sheets BTW 4 thru BTW 7 935+00 to 959+00, show a temporary sheet pile wall SP2-11. Please provide details and quantities for SP2-11.

Response: 06/24/09: Please disregard wall SP2-11 as it is shown in plan sheets BTW-4 thru BTW-7. Wall SP2-11 is not included in this project and it is not included in the quantities for pay item number 455-133-2 that are in the Summary of Pay Items or on sheet BTW-27 in the "Critical Temporary Sheet Pile Wall Quantities" table. The quantity for pay item number 455-133-2 in the Summary of Pay Items and the "Critical Temporary Sheet Pile Wall Quantities" table is correct

10) There are several temporary critical walls that require installation by being pressed in. Would FDOT consider allowing (some of) these walls to be installed using more standard equipment, but subject to a maximum allowable vibration value that could be monitored during installation?

**Response: The vibratory requirements for the installation of sheet pile walls are being modified in a forthcoming revision to the plans. Also, the press in wall limits has been extended in some areas. Please see the revised notes entitled Vibratory Monitoring Criteria in the revised plan set.**

11) Project 256881-1-52-01 Sheet BW-8 Note 6 does not indicate the limits of coal tar epoxy coating for permanent sheet pile. Project 256881-2-52-01 Sheet BW-35 Note 5 indicates a limit of 5 feet below finished grade on the exposed side only for coal tar epoxy. Please clarify the limits of coal tar epoxy for the permanent sheet pile.

**Response: 06/24/09: Project 256881-1-52-01, sheet BW-8, note 6 should state a limit of 5 feet below finished grade on the exposed side only for coal tar epoxy. The contractor should base his bid on this requirement.**

Submitted 6/17/09:

12) The index on sheet B1E of the KCA structure plans has a list of 32 plans sheets (B1E thru B32E) for the existing bridge over Allen's Creek; however there are no such plan sheets included in the bid set. Please provide these plan sheets via addendum.

**Response: The plan sheets in question (B1E thru B32E) are in a separate \*.pdf file on the Bid CD. This file is also available for download at the following URL:  
<ftp://ftp.dot.state.fl.us/LTS/D7/d7bidquestions/256881/256881-1/Plans/>**

Submitted 6/18/09:

13) Sheet B-17 Note 1 states "Existing piles located within the Phase IA Demolition must be completely removed". Sheet B1-11 Note 5 states "All piles ...that are in conflict with new piles shall be removed....all others removed.....2' below mudline." The first note would require pulling 48 piles the second note would require only 2 to 6 piles to be pulled. Please clarify.

**Response: Existing piles that are within six feet from a proposed pile location are considered to be in conflict and shall be removed in their entirety at the direction of the Engineer. All other existing piles shall be removed to a minimum of two feet below the mudline.**

14) Please provide Bid Item Notes for 121-70 Flowable Fill 64 Cy that's included with the structure items for Bridge # 150273, and 401-70-1, Latex Mod Portland Cement Concrete, 20 CF. We are unable to locate this work in the plans.

Response: (7/8/09) The flowable fill quantities associated with pay item 121-70 are detailed with the critical temporary sheet pile wall plans and are shown on sheets BTW-5 thru BTW-8. The flowable fill is required when a drainage structure is constructed adjacent to a sheet pile wall with a clearance less than 2'-0" since adequate compaction will be very difficult in this tight space. The Latex Modified Portland Cement Concrete, pay item 405-70-1 will be removed from the quantities in a forthcoming plans revision. The quantity was originally intended to cover possible damage to an existing bulkhead in the vicinity of S-1. A new note will be added in the said revision requiring the contractor to repair any damage to the existing bulkhead that is a result from the construction of sheet pile wall S-1. These repairs shall be made using latex modified Portland Cement Concrete at no additional cost to the Department.

15) Section III.C.1.d of the RFP states Interim Financial Statements must meet the same requirements as Audited Statements except an Opinion Letter. Footnotes to Interim Financials are NOT standard. Will Interim Financial Statements without footnotes be acceptable?

Response: Although preferred by the department, footnotes (i.e. notes to the financial statements) are not required for the Interim Financial Statements.

16) Section 5-2 of the project specifications fails to reference the RFP Documents in the governing order of documents. Please advise its place in the governing order.

Response: (7/10/09) Article 5-2 of the 2007 Standard Specifications will be revised via an addendum issued prior to letting to provide for the governing order of documents as follows: 1. Build-Finance Request for Proposals. 2. Special Provisions. 3. Technical Special Provisions. 4. Plans. 5. Road Design, Structures, and Traffic Operations Standards. 6. Developmental Specifications. 7. Supplemental Specifications. 8. Standard Specifications.

Submitted: 6/22/09:

17) How are the PTSA Bus Foundations Paid?

Response: 06/24/09: The payment for the foundations are included as Class II Concrete (Approach Slab) (Pay Item 400-2-10) and Reinforcing Steel (Approach Slab)(Pay Item 415-1-9).

Submitted: 6/23/09:

18) Will Polymer Sheeting SIP Bridge Deck be permitted for Bridge No. 150273. This material is permitted under Specification Section 400-5.7 implemented Feb. 13, 2008

Response: 06/24/09: Yes. The use of polymer laminated non-cellular SIP metal forms as specified in Section of 400-5.7 of the Specification for bridge decks in extremely aggressive environments may be used on bridge No. 150273.

19) Project 256881-2-52-01, bid Item 121-70 (Flowable Fill roadway), has a pay item quantity of 78 CY. The summary of quantities on sheet 20 only shows a total of 10 CY.

Response: 6/23/09: Thank you. The bid item quantity of 78 CY is correct. The pay item is quantified on sheet 20 (10 CY) and sheet BTW-28 (68 CY) for a total of 78 CY.

20) The SWFWMD permits expire on April 2010 and September 2011. Will FDOT request for permit extensions?

Response: 06/23/09: Yes. The Department will submit the permit extension requests to the agencies.

Submitted 6/24/09:

21) The standards on under drain state that type II may or may not require the use of the fabric envelope. Is it required for this project?

Response: 06/25/09: Yes. The need for a fabric envelope, for the underdrain, should be anticipated throughout the project(s) limits.

22) Plan Sheet B-5 note requires AISC certifications for steel erection. This requirement was removed statewide by FDOT some time ago. Will the note be removed by plan revision?

Response: AISC certification for steel erection is not required for this project. Please disregard the note that states, "Structural steel erectors shall have AISC certification as an advanced certified steel erector" on Sheet B-5 for FPID No. 256881-2-52-01 and Sheet B2-3 for FPID No. 256881-1-52-01.

23) The full amounts shown on the Cash Availability are available day one of that month correct? How many days is it going to take FDOT to release the funds to the escrow account?

Response: (7/23/09) Yes, cash is available day one. The department has implemented processes within the agency and with the Department of Financial Services (DFS) to expedite processing the payment of our financed projects. In accordance with Section 215.422, FS, (the prompt payment Law), the agency has 20 days to approve and process the invoice to DFS and then DFS has 10 days to approve the payment. If the warrant is not issued within 40 days, interest is due at a rate established pursuant to s. 55.03(1). This is described in the Request for Proposal Section IV. The warrant is then returned to the Department for mailing to the address of the escrow account.

Submitted 6/26/09:

24) In Section C. Financial Qualifications and Project Financial Plan (Financial Proposal) 1(d) the Interim Financial Statements it says that the requirements are the same as for the Audited Financials except the Opinion letter is not required. Interim Financials do not have Footnotes I want to clarify section C 1(d) to say the Footnotes are not required for the Interim Financials. My question is, are Footnotes required as part of the Interim Financial Statement?

**Response: Although preferred by the department, footnotes (i.e. notes to the financial statements) are not required for the Interim Financial Statements.**

25) Please clarify which parts of the retaining walls get Class V paint. Some bridge drawings mention traffic rail and coping while the wall control drawings do not mention paint at all. Do the MSE panels get painted?

**Response: (7/20/09) The Class V finish shall be applied to the inside, backside and top of the traffic railing barriers and to the exposed surfaces of the coping on top of the retaining walls but not to the panels themselves.**

26) Does the pay item note for item 120-1 Include the excavation to the top of level pad and the bottom of the temp wire walls to arrive at the 48,938 CY?

**Response: (7/8/09) The quantity of 48,938 CY is a calculation of the removal of the entire existing walled embankment on the SR 60 approaches. A line delineating this assumed excavation limit is shown in the roadway cross sections. The excavation required for the construction of straps and leveling pads below this assumed excavation limit (for temp and permanent walls) is included in the cost of the wall by specification.**

Submitted 6/29/09:

27) Plan Sheet IT-4 pay item footnote 781-11-231/781-11-240 calls for the display matrix to be 27 pixels high by 90 pixels wide. The project specifications 781-3.1.3.2 for a full matrix display call for the display matrix to be 27 pixels high by 125 pixels wide. Please confirm which matrix size is correct.

**Response: The 27 pixels high by 90 pixels wide display matrix is valid since pay item footnotes tailor FDOT's standard specifications.**

28) Plan Sheet IT-4 pay item footnote 781-11-231/781-11-240 calls for the display to have 3 lines of 15 characters per line. The project specifications 781-3.1.3.2 for a full matrix display call for the display to have 3 lines of 25 display modules per line. Please confirm which requirement is correct.

**Response: (7/20/09) Display with 3 lines of 15 characters per line is valid since pay item footnotes tailor FDOT's standard specifications.**

29) Sheet IT-4 pay item footnote 781-11-231/781-11-240 calls for the display LEDs to have a 30 degree viewing cone. The project specifications 781-3.1.3.3 for LED and Pixel Requirements call for the display LEDs to have a 15 degree viewing cone. Please confirm which requirement is correct.

**Response: (7/20/09) Display LEDs having a 30 degree viewing cone since pay item footnotes tailor FDOT's standard specifications.**

30) Plan Sheet IT-4 pay item 685-106 calls for the uninterruptible power supply unit to be housed in a separate enclosed cabinet. Plan Sheet IT-4 pay items 781-11-231/781-11-240 calls for the uninterruptible power supply unit to be housed in the DMS cabinet. Please confirm where the UPS with 2 hour back-up to the DMS and its related communication equipment is to be located.

**Response: (7/20/09) The UPS system including UPS controller for DMS signs can typically located in a separate cabinet located within the proximity (10' - 15') from the DMS cabinet. Batteries shall not be located in the DMS housing.**

31) Will a transfer switch/generator plug receptacle be required for the ITS Field Cabinet, Pay Item 785-2-162? If so, please state the requirements.

**Response: (7/20/09) Yes. FDOT standard specifications for ITS Field Cabinet calls for transfer switch/generator plug receptacle. The same specifications provide details on applicable requirements.**

Submitted 6/30/09:

32) Project #256881-1-56-02, St Pete 48" PW Transmission Main. 1. There are several locations where the main will need to be demo'd to allow for the installation of the new 48" Main. How long can the 48" transmission main be taken out of service to allow for this work? If the main cannot be taken "off-line" for the time required to perform the planned work, please provide bypassing details & specifications, i.e. Line Stops / Wet Taps / etc. There are no line stops provided in the pay item list for Project # 256881-1-56-02.

**Response: (7/20/09) Requirements are stated in Section 1-3.7 of the Technical Special Provisions for the City of St. Petersburg.**

33) RFP Section IV.9-5.1. states "The cash available for partial payments will be contingent upon ANNUAL legislative appropriation..." What are the remedies in the event of NON-appropriation?

**Response: (7/8/09) The Department notes that all of its road and bridge contracts of a duration exceeding one year are always subject to appropriation. The Department will be providing a clarification by Addendum to the RFP.**

34) The drainage structure sheets are showing many of the drainage structures to be cast in place, yet many are being installed on new lines and could be precast. Must all these structures be cast in place? Also the structures that do saddle existing lines could very well be "dog-housed". Is this acceptable for these situations? Is this the contractor's option?

**Response: (7/8/09) Structures that do not meet the minimum depth criteria for precast structures as outlined in the Storm Drain Handbook, Chapter 4, Section 4.4.2 were identified as "CAST-IN-PLACE". Some drainage structures close proximity to existing utilities, the structures have been called out as-cast in place for flexibility during construction. The contractor has the option to precast the structures; however, those noted as "CAST-IN-PLACE" do not have the minimum amount of precast concrete section above the pipe based on the tables provided in the FDOT Storm Drain Handbook. The Contractor is cautioned that these structures, if precast, could break during shipping or handling.**

Submitted 7/1/09:

35) The City of Clearwater Summary of Water Quantities Sheet U-2 on Project 1 do not reflect the 4" & 6" fittings and sleeve shown on Sheet U-4. There is not a pay item either for fittings below 8". How are these items to be paid for? Is there an additional pay item being added to compensate for these?

**Response: (7/20/09) No additional Pay Items are being added. Pay Item Definitions located within the Technical Special Provisions for the City of Clearwater associated with the plans provides clarification.**

36) Pay item 1080 11509 20-59.9" Joint Restraints has a bid quantity of 30 Ea. This quantity is insufficient to cover all that is required just for the City of St. Pete's 48" Water Main. (Even excluding the 146' required to be PCCP. Is there an adjustment being made to this item? Can you provide the compensation sheets for the utilities so that the bidders can properly bid what is being paid for and what must be built into the pipe pricing. The 48" Fitting quantity also does not cover the 22.5" & 11.25" Bends required per plan either. Please clarify the utility items as these are a considerable expense to the project.

**Response: (7/20/09) Basis of payment is defined within the individual Technical Special Provisions and their respective plan sets.**

37) Project #256881-1-56-03, Pinellas 42" PW Transmission Main @ Allen's Creek. How long can the 48" transmission main be taken out of service to allow for this work? If the main cannot be taken "off-line" for the time required to perform the planned work, please provide bypassing details & specifications, i.e. Line Stops / Wet Taps / etc. There are no line stops provided in the pay item list for Project # 256881-1-56-03.

**Response: (7/20/09) The requirements are stated within Technical Special Provisions, for 256881-1-56-03, section 1.9.23 of the Operational Constraints and Down Time 42-Inch**

PCCP, e, states "The Contractor have two (2) months maximum time of pipeline shutdown to perform all pipe removal, reinstallation, testing and clearance for service activities as shown in the plans".

38) We have 2 questions regarding the MSE retaining walls as shown on the FPID 256881-1-52-01 plan sheets prepared by Kissinger Campo & Associates Corp.: On sheet BW-3 note 4 states that "Stainless Steel Straps shall be used below the 100 year flood elevation." This is in conflict with note 3 which lists the TENSAR ARES wall system and the Reinforced Earth Co. Omega system as the only pre-approved vendors for the walls on this portion of the project. Both of these systems use polymer straps. We suggest note 4 be entirely deleted. Please clarify this conflict. On sheet BW-23 There is a note regarding removal of 2 sections of existing retaining walls. The note states "EXISTING PANELS BEGIN REMOVING AT 2:1 SLOPE (APPROX.)". Removing the old wall at a 2:1 slope and beginning a new wall on top creates design issues as AASHTO and FDOT do not allow the use of different soil reinforcement types in the same wall cross-section. Also, each vendor has actual panel dimension which are different from one another so one vendor's panels will not properly align with another's. We suggest a change that reflects a vertical removal utilizing steel sheeting and adding a panel slip joint to avoid this issue. Please change the note and detail to avoid the issues raised above.

Response: (7/23/09) Note 4 on sheet BW-3 regarding the use of the stainless steel straps is not necessary since a wall with plastic straps has been specified and the combination of plastic and steel straps is not appropriate. The plans detailed for walls W-3 and W-4 are a unique situation that takes an existing MSE wall and adjusts the vertical and the horizontal geometry to accommodate the new road geometry. The intention is to save as much of the existing walls as possible and detail a solution that is easily constructible. A vertical slip joint is provided at the bottom of the 2:1 slope and the new portion of the wall ahead of this slip joint can utilize standard walls from any applicable vendor with plastic straps. The portion of the new wall in the 2:1 sloped portion will have to provide panels that are similar to the existing panels and utilize a similar reinforcing system to match that of the existing panels. This will keep the soil reinforcing types the same for this very limited portion of the wall and should adhere to current FDOT and AASHTO requirements. While the use of a vertical removal in conjunction with steel sheet piling is a viable option we feel that a plans revision to reflect an alternate means of construction is not warranted at this time. If, after the project has been awarded and the contractor wishes to propose alternate means, than this will be entertained at that time.

39) Project #256881-1-56-03, Pinellas 42" PW Transmission Main @ Allen's Creek. Sheet U-49 shows 4 separate locations where the 42" WM is to be replaced. Work at Stations 851+00-856+00, 906+00-909+00, 933+00-976+00 is not detailed in this plan set and the project pay item list does not account for the additional 5,100LF +/- of pipe / fittings / valves. Please clarify.

Response: (7/20/09) The extents of the cross hatched area on sheet U-49, indicating portions of pipe relocated under this project are in error. Please reference the full size plan and profile sheets for the actual extents of relocations and adjustments to the water

main. Continue to reference sheet U-49 and the condensed profile as a tool to assist in dewatering the contents of the pipeline for making connections.

40) To the extent third party financing is being utilized as part of the bid, and given the potential passage of time between the dates of bid/award and final execution of project documentation, there arises a risk of changes in interest rates in the intervening period and hence a change in the cost of financing. On other finance jobs FDOT has offered bidders some protection against interest rate volatility. Will FDOT offer such assistance for this project?

Response: (7/23/09): No, FDOT will not offer the suggested assistance.

41) Project #256881-2-56-02, St Pete 48" PW Transmission Main. There are no line stops provided in the pay item list for Project # 256881-2-56-02 that will be required for by-passing operations during new transmission main construction. Please clarify.

Response: (7/20/09) Requirements are stated within Section 1-3.7 of the Technical Special Provisions for the City of St. Petersburg titled "Connections to the Existing Transmission Main". Line stops are not required.

42) Pay item 400-4-5, class 4 substructure, is 643.5 CY but the quantities on the drawings add up to 955 cy. Pay item 400-4-25, class 4 mass substructure, is 3,321.1 cy but the quantities on the drawings add up to 3,009 cy. Please indicate the correct quantity for each pay item.

Response: 7/20/09) The quantities of 643.5 CY for pay item 400-4-5 and 3,321.1 CY for pay item 400-4-25 in the Summary of Pay Items are correct. The quantities in the plans are also correct. The end bent cap concrete in the quantity block on Sheet B1-10 and Sheet B2-12 for Bridge 150262 and Bridge 150260 should be included under pay item 400-4-25, class 4 mass substructure.

43) It does not state in the drainage structure notes that the structures require a one foot sump from the bottom of the outlet to the top of the bottom slab. However, on the drainage structure profile sheets, each structure appears to include a sump if you take into account the scale. Are sumps to be included with each structure?

Response: (7/20/09) The "sump" is drawn in automatically by Geopak Drainage (FDOT Criteria files). It is not a sump - it is intended to indicate the grout required for the drainage structure invert and to allow for accurate measurement of structure depth (ie. structures > 10' have a different pay item number). For all structures, the drainage structure invert shall be constructed as shown in the FDOT Design Standards, Index No. 201, Sheet 2 of 5, "ALL PIPE TYPES DRAINAGE STRUCTURE INVERT".

Submitted 7/6/09:

44) We have found that the quantities shown on the North of Whitney Pay Items are not matching drawing quantities: \*555-1-1 (6") 1-2" Grand Total does not match plan total \*555-1-1 (6") 2-2" No Grand Total \*555-1-1 (6") 3-2" No Plan or Grand Total \*555-1-1 (6") 1-4" No Plan or Grand Total \*551-1-2 (6") 2-2", 1-4" No Grand Total \*783-4-111 2" Rigid Steel No Grand Total \*783-4-112 2" Underground No Grand Total \*783-4-112 4" Underground No Grand Total \*784-1-1 No Grand Total \*784-1-1 No Grand Total

**Response: (7/22/09) The items in question have been combined in the grand total column. (i.e. all 555-1-1 items regardless of conduits size are totaled together). The reason for this is that there is only one entry allowed for each pay item in Transport. To get a total of each individual size or style, the "Sheet Total" for each Tabulation of Quantities sheet need be added together, for each element.**

45) In the Revised Plan Set for Project 256881-1-56-03, Sheet U-73 there is a notation that states, "See FPID No 256881-2-56-04 for continuation". We cannot find Project #2-56-04 in the master set of plans. Please provide drawings or clarify.

**Response: You are correct, the note should read - "See FPID No 256881-2-56-03 for continuation", not - 256881-2-56-04.**

46) Plan sheet S-31 shows this as an OC not an OT. Also this structure appears on the Table of Cantilever Sign Structure Variables. Pay item 700-22-121 appears on plan sheets. Should this be pay item #700-23-143 based on span length and panel square footage?

**Response: (7/20/09) Sign structure 15S571 of FPID 256881-2-52-01 is labeled with an incorrect pay item number on sheet S-31. The pay item number should be 700-23-133 (Overhead Cantilever Sign Structure, F&I, 41-50FT, 201-300SF) and not 700-22-121 (Overhead Truss Span Sign, F&I, 51-100FT, 300SF or less) as currently shown on sheet S-31. This correction results in the elimination of pay item number 700-22-121 from sheets S-2 and S-3 and also in a new final quantity of 2 AS for pay item number 700-23-133. This change will be reflected in a forthcoming revision.**

47) Projects '1-56-03 & '2-56-03, Pinellas County 42" Transmission Main from Station 227+00 to 258+48.51 (+/- 3,148LF) is in the direct path of the new 42" LCP Main. Will bypassing be required to maintain service in the existing main or will the contractor be able to have this portion off-line for XX months? If taking off-line is not an option, how many feet of main can the contractor have at any given time to perform the bypassing, demo & re-installation operations? Will pay items be provided for multiple Bypass Linestops, bypass valves, bypass fittings & bypass piping or are these items to be included in the cost of Pay Item 1050-11-125, 42" Prestressed Conc Pipe (LCP).

**Response: (7/20/09) The requirements are stated within Technical Special Provisions, for 256881-1-56-03, section 1.9.23 of the Operational Constraints and Down Time 42-Inch PCCP, e, states "The Contractor have two (2) months maximum time of pipeline**

shutdown to perform all pipe removal, reinstallation, testing and clearance for service activities as shown

Submitted 7/7/09:

48) Plan Sheet IT-4 pay item 685-106 states that the uninterruptible power supply unit shall be of the same make and model as currently being used, please provide acceptable makes and model numbers.

Response: (7/22/09) The pay item note for 685-106 (see below) directs the contractor to coordinate with the maintaining agency (Pinellas County - see below for contact information): Adam C. Moser, P.E. Senior ITS Engineer Pinellas County Public Works Traffic Management Division 22211 US Hwy 19, Bldg 10 Clearwater, FL 33765 Office: 727-464-8815 Fax: 727-464-8908 [amoser@pinellascounty.org](mailto:amoser@pinellascounty.org)

49) Project # '1-56-02 does not have any pay items for the 48" fittings (Bends) associated with pipe items 1050-11-425 & 1050-11-925. Are these to be included with their respective pipe pay items or will the Master Pay Item # 1055-11-415 be adjusted to include these additional bends?

Response: (7/22/09) Yes, the basis of payment for the items listed above include furnishing and installing fittings. Requirements are stated within the Technical Special Provisions (TSPs) for this project, particularly at the subsections for basis of payment for pipe items 1050-11-425 and 1050-11-925 under Section 2 for Prestressed Concrete Cylinder Pipe and Fittings and Section 3 for Ductile Iron Pipe and Fittings.

Submitted 7/8/09:

50) The City of Clearwater water qty's do not account for the 6" fittings shown on the plans. How are these to be compensated for? Also the qty's depict 2-12"X18" special offsets, 12" Sleeves, 6"X4" taps; where are these items? The pay items also omit the 12" Cross shown on the plans. Are the 6" Stops shown in the summary of qty's for isolating the 6" connection shown on sheet U4? These are not shown.

Response: (7/20/09) The price of all 6 inch fittings shall be included in the price of the pipe per the pay item description. Response#2: (7/20/09) The special offsets are on sheet U-42, the 12 inch sleeves on sheet U- 42; the 6x4 taps on sheet U-40. Response#3: (7/20/09) The 12 inch cross should be included in the 12 inch pipe price as an incidental. There are no current FDOT pay item numbers for crosses. Responce#4: (7/20/09) The 6 inch stops are shown on sheet U-40.

51) Many of the utilities are shown to connect by sleeve or adaptor without the call out of line stops. This would lead one to assume the line can be isolated by valve; however the isolation valves are not shown. Is this assumption correct? If so please clarify where these valves are so that the volumes of water/reclaim within the line can be accounted for

during the connection process. One such example is the reclaim connection U-16/U17, U18/19. Will line stops be added for these locations?

Response: (7/27/09) The Pinellas County Utilities 42-inch main's isolation valves are shown in the set of plans for crossing Allen's Creek. The isolation valves are shown on the condensed profiles which are provided for the purpose of indicating the amount of water necessary to be drained from the lines prior to breaking into the pipe to make connections. The US 19 valve information by PCU E-O-R Dennis M. Simpson, P.E. is contained sheet 33 of 56 Sec. 1.9.22 of the Technical Special Provisions for 256881-2-56-03 for both projects. The City of St. Petersburg's The isolation valves are shown for both City of St. Petersburg sets of plans and the Pinellas County Utilities 42-inch main across Allen's Creek. The isolation valves are shown on the condensed profiles which are provided for the purpose of indicating the amount of water necessary to be drained from the lines prior to breaking into the pipe to make connections. The UAO will refill the lines for the aforementioned plans once the connections are complete.

52) Plan Sheet 44 (Pay Item Notes) references 1379 SY of Temporary Sidewalk Pavement. Our Take- Off indicates this quantity is in excess of 12,000 SY. Can you clarify?

Response: (7/20/09) The temporary sidewalk pavement quantity (1379 SY) is based on calculating areas not located on existing asphalt pavement. It appears that the 12,000 SY quantity the contractor came up with was based on all temporary sidewalk shown on the entire project, regardless of whether it was on existing pavement or not.

Submitted 7-10-09:

53) The Pinellas County plans call for two "Type A Blow offs on Sheet U-9 but there is no detail for a type A blow off. Please clarify the requirements for this item. Also the ARV Pay item on the south contract calls for a 2" ARV but the detail shown on Sheet U-41 shows as 1". Please clarify which is required. Many of the services shown do not have a size depicted are these all to be computed as 1"?

Response: (7/20/09) The Blow-Off Assemble should read "Temporary 8 inch blow-off Assembly" without the word Type A. The Technical Special Provisions section 1.9.22 explains the temporary 8 inch blow-off assembly need to control the chlorine slug, neutralize and discharge the chlorinated water into the adjacent retention pond. The detail on sheet U-41 should read as two inch. The service line is not specifically stated it should be bid as one inch.

54) We could not find quantities on the plans for remove and dispose pipe bid item 1050 16001 5623 lf and adjust & modify 1050 15002 2-4.9" 4947 lf and 1050 11425 utility DI 70lf. Please clarify.

Response: (7/20/09) 1.) Bid Item 1050 16001 = 5,623 LF :can be found under 256881-1-56-04 (FPL Fibernet) 2.) Bid Item 1050 15002 2-4.9" = 4,947 LF : can be found under

256881-1-56-07 (Clearwater Gas) = 4,556 LF / and 256881-2-56-07 (Clearwater Gas) = 391 LF 3.) Bid Item 1050 11425 = 701 LF : can be found under 256881-1-56-02 (City of St. Petersburg) = 629 LF / and 256881-1-56-01 (City of Clearwater) = 80 LF Separate plan sets do not exist for FPN 256881-1-56-04 and FPN 256881-1-56-07. The Utility adjustment sheets, located in FPN 256881-1-52-01, provides callouts for the removals and the UWS for the UWHCA provides additional clarifications.

55) Bid item 1050 16004 remove & dispose 8-19.9" 44456 lf we could only find 28,813 lf. Please verify quantity.

Response: (7/20/09) The following table provides a breakdown of the bid item by project number. It is available for download at the following URL:  
[ftp://ftp.dot.state.fl.us/LTS/D7/d7bidquestions/256881/Bid item 1050 16004](ftp://ftp.dot.state.fl.us/LTS/D7/d7bidquestions/256881/Bid%20item%201050%2016004)

56) What items are to be salvaged in bid items 0110 86 for projects 256881-1-52-01 and 256881-2-52-01?

Response: (7/20/09) The 256881-1-52-01 project, pay item 110-86 is for delivery of existing signal Equipment except for poles and span wires to the City of Clearwater. A pay item footnote is on sheet number 44 of the roadway plans and on Note 6 on sheet no. T-3 in Signal plans. For the 256881-1-52-01 project, pay item 110-86 is for delivery of signal equipment to the City of Clearwater Signal Shop. A pay item footnote is included on sheet 15 of the roadway plans and General Note 6 on Sheet T-4 of the signalization plans details the signal equipment which needs to be delivered to the City.

57) What items of work are to be included in bid items 1000 6 Utility Work JPA projects 2568811560 and 2568812560? The pipe and fittings for this work are covered under separate pay items. Please clarify.

Response: (7/20/09) Refer to sheet U-2 of either projects 256881-1-56-02 or 256881-2-56-02.

58) The bid specifies 4.9 GHz radios to be utilized. This is a licensed frequency band to be utilized only for public safety. Does District 7 or Pinellas County already have the licensing in place? If so, can that information be provided, so that the Team knows which frequencies must be used within that band.

Response: (7/22/09) Pinellas County already has the needed licensing for 4.9 GHz radios. The bidder can contact Adam Moser of Pinellas County to obtain the needed information. Adam C Moser, P.E. ITS Senior Engineer Pinellas County Traffic 22211 US Hwy 19, Bldg 10 Clearwater, FL 33765 Office: 727-464-8815 Fax: 727-464-8908  
[amoser@pinellascounty.org](mailto:amoser@pinellascounty.org)

59) The 4.9 GHz band is normally licensed as a coverage area (similar to cellular). This RFP is requiring a point-to-point application, which requires different licensing and has larger power limitations that can severely impact reliability and throughput. Can the

Team utilize a radio that will provide equal or better throughput and equal or better reliability in the 5.8 GHz unlicensed band? A spectral analysis would be done to verify interference levels and guarantee high reliability.

**Response: (7/20/09) Pinellas County already has the needed licensing for 4.9 GHz radios. A spectral analysis was performed that verified interference levels, required bandwidth, and high reliability.**

60) The plan set indicates that the 4.9 GHz radio would be 80 Mbps. This specification is typically an aggregate over-the-air rate, and the actual throughput is much less. What is the actual throughput required or can the District provide a make and model of a 4.9 GHz radio that provides an 80 Mbps data rate?

**Response: (7/20/09) The plan set indicates that the 4.9 GHz radio would provide 80 Mbps capacity. This would be the actual (net) throughput required. Per FDOT policy, no name brands or models can be provided.**

61) It is difficult to determine from the plan set if there is one link required at the south side and one link at the north side, or if there is only one link spanning the entire distance. Can the District provide the originating and terminating locations for each link required? This is required to verify high reliability and size the antennas appropriately.

**Response: (7/20/09) There is only one point-to-point radio link. The first antenna is to be located on the existing ITS pole supporting an existing CCTV camera (northwest quadrant of the intersection of US 19 and SR 60 (80 feet tall). The second radio antenna is to be located on a proposed 50-foot concrete pole at station 851+41.2 (102.6 LT).**

62) Please verify that it is the intent of the RFP that the microwave link(s) are to be installed and commissioned and then at a later date removed with the hardware to be delivered to the District.

**Response: (7/20/09) The intent of the plans is for the radio link to be furnished and installed, commissioned during interim phase, removed during final phase when fiber optic based connectivity is provided, and delivered to Pinellas County (not District). The cost for removal, delivery, or disposal (as applicable) is included in the applicable removal pay items.**

63) Please supply the pay item numbers, if any, under which concrete mowing pads are to be provided.

**Response: (7/20/09) The concrete mowing pads referenced in the question are the concrete aprons around FO pull boxes, FO splice boxes, slabs around lighting poles and lighting pull boxes. Payment for this concrete and reinforcing is considered incidental to the cost of the FO pull box, FO splice box, lighting poles and/or lighting pull boxes as applicable. FDOT Index 18204 (Note 10), Interim Index 17500 sheets 2&3 of 3 (dated 1/1/09)(Note 7) and Interim Index 17502 sheet 7 of 7 (dated 1/1/09) (Note 7) states this.**

64) Section 3-5.1 of the Standard Specifications states the bond must be the 'sum at least equal to the amount of the Contract'. Section 3-5.1 of the Supplemental Specifications also states the bond must be the 'sum at least equal to the amount of the Contract'. Special Provisions 3-5.1 states the required bond is \$80 million. Please clarify the bond amount.

**Response: (7/20/09) The required bond is \$80 million per the Special Provisions and Request for Proposals.**

65) To the extent the required bond amount is \$80 million, the second sentence of Section 3-5.4 of the Standard Specifications should be revised as follows: "It is expressly understood that the monetary limitation on the extent of the indemnification shall be the approved Contract amount penal limit of the bond, which amount shall be \$80 million the original amount as may be increased by subsequent Supplemental Agreements."

**Response: (7/20/09) The Department will be providing a clarification by Addendum addressing the fact that the surety's defense and indemnity obligations for this contract will be limited to the amount of \$80,000,000.**

66) Special Provision 3-5.1 requires 'an acceptable surety bond'. Please provide the surety bond forms Owner will require.

**Response: (7/10/09) The contractor can view the a contract package that has been developed as a form. It is Form No. 375-020-44. The for can be downloaded from the following web site: <http://www.dot.state.fl.us/proceduraldocuments/> Click on "FORMS" and then the form number. The Contract Bond is on page 6.**

Submitted 7/10/09:

67) Plan Sheet 39 for project 256881-1-52-01 has a Detail for Asphalt Curb Pad, however the typical sections do specify where Asphaly Curb Pad will be utilized. Can you Clarify?

**Response: (7/20/09) Response: The Asphalt Curb Pad is required for those areas along the Frontage Road where Asphalt Base is specified and no Stabilization is provided. These limits are specified on Typical Section (1).**

68) Sign No. I5S535/Sta 855+50(Butterfly) calls for a upright pipe size of 32"X1.00" pipe. This pipe size is not available(no 32" diam. pipe is). What do you suggest as a substitute?

**Response: (7/27/09) According to our research a 32" pipe available as detailed in the plans. This was utilized in a special design and we did look into the availability during the design phase.**

69) Sign No. 15S550(Wall mounted structure) calls for a bend radius of 3", this is not possible. I was told by a pipe bending firm the tightest possible bend on a 5.563" pipe is 15". Are you going to redesign this structure?

Response: (7/27/09) After looking further at the details for Sign No. 15S550 we agree that providing a bend radius of 3" as detailed would be very difficult at best. A redesign of this structure will be provided with an alternative built up steel support for the sign structure. This change will be reflected in a forthcoming revision.

70) There is a pay item 455-133-2 (75,726 SF) for Temporary Sheet Pile in the utilities section of the plans that references Note 2. Note 2 refers you to the structural plans for details. Is the quantity 75,726 SF shown and included in Structural Temporary Sheet Pile Walls with a quantity 421,604 SF? If the 75,726 SF is not included in the 421,604 SF please provide the location of these walls.

Response: (7/27/09) The quantity for the Temporary Sheet Walls associated with the utility section is to be separate from the quantities depicted in the Structural Temporary Sheet Walls. A change in the quantity for the 25688115201 project from 235,760 sf to 219,965 sf was made to eliminate some duplication. The Total quantity related to the utility remains 75,726 sf while the Summary of Structures quantity changed to 405,809 sf. This change will be reflected in a forthcoming revision.

71) In regards to the availability of the different FPN funds I would like a clarification. For the FPN 256881-1-52 there is \$48,888,641 available in FYE 2010 Lets say that in that first year you actually complete some of the work that is for FPN 256881-1-56-02 which funds are not available until FYE 2013. When the contractor submits his pay request for this line item and if there are still available funds under FPN 256881-1-52, will the contractor be funded for that work, or does the funding for those line items only come from the FPN 256881-1-56-02 which is not available until 2013. Since this is a finance project I would not think that it matters how or when the available funds are paid.

Response: (7/20/09) Using the scenario provided, payment for work under FPN 256881-1-56-02 is not available until FY 2013 as detailed in the Cash Availability Schedule. Work performed and invoiced must be limited to the appropriate Cash Availability Schedule.

72) Per the Master Pay Item Listing Sheet 17, Pay Item 1050-15-002, 4556LF & Pay Item 1050-16-002, 1377LF are located in the plan set, '1-56-07. This plan set was not included on the disk. Please clarify.

Response: (7/20/09) The 1-56-07 is a Lump Sum Bid for Clearwater Gas, the Lump Sum bids utilize the Utility Adjustment Sheets as plans and in conjunction with the Utility Relocation Schedule.

73) Per the Master Pay Item Listing Sheet 18, Pay Item 1050-15-002, 391LF & Pay Item 1050-16-002, 1548LF are located in the plan set, '2-56-07. This plan set was not included on the disk. Please clarify.

**Response: (7/20/09) The 2-56-07 is a Lump Sum Bid for Clearwater Gas, the Lump Sum bids utilize the Utility Adjustment Sheets as plans and in conjunction with the Utility Relocation Schedule.**

74) Please see requirements for concrete aprons on 2008 Standard Drawings 18204 and 17501. I incorrectly referred to them as mowing pads.

**Response: (7/20/09) No response necessary.**

Submitted 7/14/09:

75) Pay Item 1050-16004, Utility Pipe, Remove & Dispose, 8-19.9" is quantified in nine plan sets as follows: UTILITY 1-56-01 = 10,533LF UTILITY 1-56-03 = 4,405LF UTILITY 2-56-01 = 8,303LF UTILITY 2-56-03 = 100LF OTHER 1-56-05 = 9,350LF \*PLANS NOT INCLUDED IN SET VERIZON 1-56-06 = 4,746LF OTHER 1-56-08 = 1,458LF \*PLANS NOT INCLUDED IN SET OTHER 2-56-05 = 4,120LF \*PLANS NOT INCLUDED IN SET VERIZON 2-56-06 = 826LF Please provide Plan Sets '1-56-05, '1-56-08 & '2-56-05

**Response: The following table provides a breakdown of the bid item by project number. It is available for download at the following URL:  
[ftp://ftp.dot.state.fl.us/LTS/D7/d7bidquestions/256881/Bid item 1050 16004.pdf](ftp://ftp.dot.state.fl.us/LTS/D7/d7bidquestions/256881/Bid%20item%201050%2016004.pdf)**

76) Can the FDOT have a bid item for the finance costs (Interest)?

**Response: (7/20/09) The department has determined that including a bid item for finance costs would be inconsistent with the basis of contract award as stated in Article 3-2 of the 2007 Standard Specifications for Road and Bridge Construction, as amended for this project.**

Submitted 7/16/09:

77) SUB-SECTION 7-13.5, Insurance for Protection of Utility Owners, of the Supplemental Specifications (pages 78 & 79) increases the liability limits for the City of St. Petersburg's utilities above those limits established by the Standard Specifications (page 75). It also requires the City of St. Petersburg to be an "Additional Insured entity" on the policy. The same sub-section of the Standard Specifications requires the Utility Company to be "Additional Named Insured". Does the City of St. Petersburg require a separate (OCP) Owners and Contractors Protective policy; or would the City accept being added as Additional Insured to Granite's General Liability policy to satisfy this requirement? Question: Will the DBE participation be based on the Bid Construction Value of the contract, exclusive of the finance component?

Response: (7/27/09) If the Contractor's existing General Liability policy provides comprehensive general liability coverage that (a) will be applicable to the project; (b) has limits at not less than the required \$2M/\$2M limits; and (c) the City of St. Petersburg will be named as an Additional Insured under such policy, such should satisfy this requirement. The DBE participation and the OJT will be based on the construction value and will not include the finance component. The construction value will be determined after contract award based on review of the bid and discussions with the contractor.

Submitted 7/20/09:

78) If our interim financial statements for the quarter ending 6/30/09 are not complete, what do we need to submit?

Response: (7/20/09) The RFP states that interim financial statements through the most recent completed quarter should be provided. If not available, the proposer may explain.

79) The bid questions clarified that part of the pipe removal item is inclusive of Clearwater Gas lines. Will these lines be isolated and neutralized by Clearwater Gas prior to construction/demolition? Is there a spec section for this work? FPL Fibernet is also identified in this pay item clarification. Is there a spec section for this work also?

Response: (7/28/09) The pipe that has been allocated for removal by the FDOT Contractor will have been isolated and purged by the Clearwater Gas Personnel or their Contractor prior to FDOT Contractor demolition/removal of the facilities. A spec has not been provided, however, the quantities, pipe size, and type were defined in the Quantities Section for each project defined as 256881-1 and 256881-2 compiled by the Engineer of Record. The FPL Fibernet conduit(s) will be vacant. FPL Fibernet does not have TSP's for this work.

Submitted 7/24/09:

80) Pay Item 0521-1-1 Median Barrier Wall Concrete, Precast. Can this pay item be cast in place in lieu of Precast?

Response: 7/28/09) The contractor may elect to use cast in place construction in lieu of precast during project execution as long as the requirements of the appropriate design standards are satisfied. The contractor should prepare bids consistent with the plans and payitems provided.

81) In the RFP on page 3(III, section C, item H under Financial Qualifications and Project Financial Plan it appears that to be submitted in the Financial Proposal with the bid is an " affidavit from a bonding company that certifies contractor has the financial means and capacity to bond 100% payment and performance for the face amount of \$80,000,000 for the project". Need to confirm that this is due with the bid package set to bid August 5th and not prebid? Is there a specific format, form, or items needed in the

affidavit? When you say affidavit exactly what are you looking for - example- a letter from the surety (Consent of Surety), does it need to be sealed with surety companies seals, surety letterhead, notarized? Also if the bid is for a Joint Venture should each contractor submit separate affidavits from their surety, or one affidavit with the bid package in support of the Joint venture?

Response: (7/28/09) 1. The affidavit from a bonding company must be submitted by the bidder at the time the Financial Proposal is due (August 5, 2009). 2. The affidavit must certify the bonding company will provide bonding for the contractor/joint venture in the amount of \$80,000,000 if the bidder is awarded the contract, subject only to a significant change in underwriting status from the date of such certification to award. 3. The affidavit must be a duly authorized signed and sealed document from the bonding company, on the surety's letterhead, certifying the above. 4. For Joint Ventures, the document must name the Joint Venture as being the one which the bonding company is agreeing to extend bonding for the contract in the amount of \$80,000,000.

Submitted 7/28/09:

82) Note # 2 on sheet BTW-2 of project 256881-1-52-01 says "The contractor SHALL construct the temporary sheet pile wall to the dimensions and minimum elevations shown in the plans." Are we allowed to eliminate or redesign these tsp walls?

Response: (7/30/09) The temporary critical sheet pile walls may not be eliminated. These walls have been determined critical and therefore necessary based on the need to protect public interests. The contractor, after the project has been awarded, may propose redesigned walls, which will be subject to FDOT approval. Any redesign must be consistent with the intent of the walls shown in the plans and provide for / consider, at minimum, the same vibratory restrictions and protection provided with the current design.

### **Bid Questions and Answers for extended let date of 8/5/09:**

Submitted 7/14/09:

1) Pay-Item 715-50, Lighting-Inside Box Girder: What is the purpose of the Momentary Contact Switches as listed in the Misc. Electrical Equipment Schedule and as shown on the electrical conduit schematic for Belleair, Seville and SR 60 Box Girders Maintenance Lighting?

Response: (7/16/09) The switches are to reset the timers on the mini-power centers for the box girder maintenance lighting

Submitted 7/16/09:

- 2) If the switches are to reset the timers on the mini-power centers for the box girder maintenance lighting a timer other than a mechanical spring wound timer (Tork Model #A506H) will be required; can the EOR provide a model number for an electronic timer that will accept a logic/dry contact input, from the momentary contacts, that will reset the current state of timer to on/off when push button is pressed at access locations?

Response: (7/23/09) Due to compliance with single source rules, we are unable to specify a specific model number. However, the Tork SSA series digital timers are one type of timer that can be utilized to control the box girder lighting circuits.

- 3) The dimensions on the mounting channel are conflicting. The 3" dia. hole shows a 8" center line from the edge of channel. This would indicate the channel is 16" in width the opposite end shows 8" width. The size of the MC channel is unheard of what does the 200 and the 12.6 dimensions represent? Respectfully, Eric

Response: (7/27/09) The temporary light pole support detail on sheet TC-15 will be revised. Please disregard the support and channel details currently shown. This change will be reflected in a forthcoming revision.

Submitted 7/17/09:

- 4) In the Critical Wall Table on Sheet NO. BTW-27 for FPN 256881-2-52-01 wall SP2 22 it shows the wall having soil anchors for the limits Sta. 1963+85 to 1970+00 and 1970+00 to 1972+16. In looking the the Anchor Wall Information on Sheet NO. BTW-30 it only has information for SP2-22 from Sta 1963+85 to 1970+00. The section of SP2-22 from Sta 1970+00 to 1972+16 shows up in Cantilevered wall table on Sheet NO. BTW-28. Is the section of SP2-22 from Sta 1970+00 to 1972+16 a cantilevered wall or an anchored wall?

Response: (7/27/09) The wall information on Sheet BTW-28 and BTW-30 is correct. Wall SP2-22 is anchored from Sta. 1963+85 to Sta. 1970+00 and cantilevered from Sta. 1970+00 to Sta. 1972+16. The information on sheet BTW-27 will be clarified in a forthcoming plan revision.

Submitted 7/20/09:

- 5) Will all Traffic (F/Vertical Shape) Railing & Pedestrian/Bicycle Railing constructed on this project have incidental conduit installed as detailed in FDOT Standard Index 21210?

Response: (7/27/09) The locations where incidental conduit as detailed in FDOT Standard Index 21210 is required are detailed in the lighting and signalization plans.

Submitted 7/21/09:

6) Developmental Specifications, page 53 provides the Cash Availability Schedule for 256881-1-52. Does this include FPN 256881-1-52-01 and FPN 256881-2-52-01? Please disclose which FPN's are represented in the Cash Availability Schedule on page 54 and listed as "Project Number: 256881-1-56 (all LF). Cash Availability Schedules on page 55 refer to two separate Project Numbers, 256881-1-56-22 and 256881-1-56-23. What scope of work is included and funded in these two FPN's?

Response: (7/28/09) 1. Yes the Cash Availability Schedule labeled 256881-1-52 includes FPN 256881-1-52-01 and FPN 256881-2-52-01. 2. The Cash Availability Schedules labeled Project Number: 256881-1-56 (all LF) represents the funds available for FPN's 256881-1-56-01 (City of Clearwater), 256881-1-56-04 (FPL Fibernet), 256881-1-56-05 (Florida Gas Transmission), 256881-1-56-06 (Verizon), 256881-1-56-07 (City Clearwater Gas), 256881-1-56-08 (MCI), and 256881-1-56-09 (City of Largo). 3. The Cash Availability Schedules on page 54 and 55 refer to the utility agencies noted below. 256881-1-56-02 - City of St. Pete southern segment 256881-1-56-22 - City of St. Pete northern segment 256881-1-56-03 - Pinellas County Utilities southern segment 256881-1-56-23 - Pinellas County Utilities northern segment

7) Sheets TC-7 through TC-9 of the Traffic Control Plan show the temporary lighting will go next to the temporary median barrier wall in phase 1A and 1B. No temporary lighting is indicated on these sheets for phases 2, 2A, 2B, 2C, or 3. Will temporary lighting be required in phases 2 through 3?

Response: (7/28/09) Permanent lighting installed on the proposed frontage roads on the 25688-1-52-01 project from STA 860 to STA 933 in phases 1A/1B will be utilized for lighting beginning in phase 2. See phase note 24 in phase 1A/1B. Permanent lighting installed on the mainline in phase 2-2c will be utilized in phase 3-3A for traffic on the mainline. Temporary lighting is provided for traffic in phases 2-2C south of STA 860. See sheet TC-14. For 256881-2-52-01, see sheet TC-2 for specific requirements regarding lighting during construction. The Temporary Lighting Notes state which phase the permanent lighting fixtures needs to be installed and operational. The Temporary Lighting Table gives station limits of temp lights and which phases they are required to be operational.

8) Page 55 of the specification refers to projects 25688-1--56-22 and 256881-1-52-23 within the finance contracts section. What utility owners do these project represent, what work is involved?

Response: (7/28/09) The Cash Availability Schedule labeled Project Number: 256881-1-56-22 represents the funds available for the City of St. Petersburg utility work (northern segment). The Cash Availability Schedule labeled Project Number: 256881-1-56-23 represents the funds available for the Pinellas County utility work (northern segment).

9) Per Index No 21210 for the utility conduit which is incidental to the traffic and pedestrian railing, where in the structure plans is the type of pull boxes required indicated? Is it multiple raceway or single raceway type?

**Response: (7/28/09) The bidder should use Type "B" single raceway pull boxes.**

Submitted 7/22/09:

10) Is the existing roadway lighting system for project #2566881-1-52-01 being serviced from a 240/480V 3-Wire Service or a 480V-Ground 2-Wire Service?

**Response: (7/28/09) The existing lighting system at SR 60 and US 19 (which consists of the high mast and under deck lighting) is a 277/480 3phase system. The roadway lighting going south from Seville Blvd on both the east and west sides are fed by 120/240 1phase system.**

11) The question about location of existing valves for isolation of lines that do not require linestops is still pending final response. I would just like to clarify the question/response to include all existing utilities connections not just the example shown. Especially the 42" & 48" mains where the volume of water in the lines to be drained could be very extensive. Are these existing valves known to be operational so as not to delay the schedule with linestop acquisition once connections are imminent?

**Response: (7/28/09) The Pinellas County Utilities 42-inch main's isolation valves are shown in the set of plans for crossing Allen's Creek. The isolation valves are shown on the condensed profiles which are provided for the purpose of indicating the amount of water necessary to be drained from the lines prior to breaking into the pipe to make connections. The US 19 valve information by PCU E-O-R Dennis M. Simpson, P.E. is contained sheet 33 of 56 Sec. 1.9.22 of the Technical Special Provisions for 256881-2-56-03 for both projects. The City of St. Petersburg's The isolation valves are shown for both City of St. Petersburg sets of plans and the Pinellas County Utilities 42-inch main across Allen's Creek. The isolation valves are shown on the condensed profiles which are provided for the purpose of indicating the amount of water necessary to be drained from the lines prior to breaking into the pipe to make connections. The UAO will refill the lines for the aforementioned plans once the connections are complete.**

12) The specifications for tunneling require two seismic sensors to be attached to the carrier pipe per the detail. The Jack & Bore detail on U-40 does not show the location or the sensors or required cabling. Please clarify these locations and conduit/cable requirements. Also is there a spec on the sensors required and their attachment method to the pipe.

**Response: (7/28/09) Please reference the details shown on plan sheets U-52 and U-53 for the conduits in the tunnel under Allen's Creek. Please reference TSP Section 1.25 for the specification on the seismic sensors.**

Submitted 7/23/09:

13) Does the "Buy American" clause supersede the approved products lists for all the participating utilities? If so, do the participating utilities have a revised products list that the contractor should adhere to?

**Response: (7/28/09) This project is considered a Federal-aid contract therefore the "Buy America" provisions do apply to all work performed under this contract (including the UWHCA agreements).**

14) Financial Project # 256881-1-52-01, Plans sheet L-18 shows 2 runs of 2" conduit underground running down the median. Neither is a spare since they both are to carry #6 conductors for servicing proposed lighting. The tabulation of quantities sheet only accounts for the linear foot of one conduit in the median. How will the second conduit in the median be paid for?

**Response: (7/28/09) Per Section 3-1 of the Standard Specifications, for the purpose of award, after opening and reading the proposals, the Department will consider as the bid the correct summation of each unit bid price multiplied by estimated quantities shown in the proposal. It is recognized that there may be an overrun of 1569 LF for pay item 0715-2-11.**

15) With respect to the #6 conductor going from the load center to the box girder maintenance lighting which services this box girder lighting, will this conductor wire be paid under pay item 715-1-12 or 715-50?

**Response: (7/27/09) The #6 conductor wire is paid under pay item 715-1-12.**

Submitted 7/26/09:

16) The specifications for the grout installation for abandonment of the Verizon conduit states that payment shall be on the amount of flowable fill actually installed in the completed project. Since the duct banks contain multiple sizes, shouldn't this pay item be by the cy instead of LF? The plans do not designate the size conduits to be filled. Please clarify the size of the pipes to be filled.

**Response: (7/28/09) Please use LF for this Pay Item as all conduit is four (4) inch PVC.**

17) Can you clarify the scope of the 05 & 08 Contract Qtys provided for Pay Item 1050-16004? The plans show 10" Gas Main to be removed; is this a part of the Clearwater Gas Contract or by others? Please clarify the scopes for the 9,350, 1458, 4120,615 footages on the chart.

**Response: (7/28/09) The 10" Gas Main to be removed is for Florida Gas Transmission, 9,350'..Project 1-56-05 (Florida Gas Transmission) Lump Sum; See Utility Adjustment Sheets for Removal Plans, 1,458'..Project 1-56-08 (MCI) Lump Sum; See Utility**

Adjustment Sheets for Removal Plans, 4,120'..Project 2-56-05 (Florida Gas Transmission) Lump Sum; See Utility Adjustment Sheets for Removal Plans, 615'... Project 2-56-08 (MCI) Lump Sum; See Utility Adjustment Sheets for Removal Plans.

Submitted 7/27/09:

18) In drawing file T7213rev1 for Financial Project Number 256881-2-52-01 Sheet NO. BW-34 under Pay Item Notes: note number 1 states that SP2-1 is to be installed using the passive press in method but on Sheet NO. BTW-30, SP2-1 is not identified as press in installation in the table. Does SP2-1 require press in installation or not?

Response: (7/27/09) No, wall SP2-1 does not require press in installation. Sheet BW-34 refers to wall S2-1, which does require press in installation. Sheet BTW-30 refers to wall SP2-1, which is not press in.

19) I am in receipt of addenda 2 and in the process of digesting this information, as well as the questions and answers for this proposal. Our financing partner requires that pricing be complete about a week in advance for them to perform their financing performa. This sequence does not allow the contractor or its subcontractors sufficient time to digest the changes and answers. Questions concerning scope and intent continue to rise every day, as I am sure it is for the other contractors and subcontractors as well. The remaining answers may not be forthcoming till just a few days before bid time not allowing all concerned to fully digest and implement the proper pricing and financial forecasting. It is requested that this bid be postponed to allow all concerned to fully digest the proposed scope and intent to achieve the most competitive pricing and financial forecast for the project. Please consider this time extension and allow this proposal to be submitted during the August 26th Letting.

Response: (7/28/09) Your concern is noted however the Department is committed to meeting the August 5, 2009, let date.

20) We understand that FDOT is under a time restraint with some of the funding, but financing and bonding have become difficult issues for the Contractor to overcome in the time allotted. We are requesting that the project letting date be extended to the bid letting date of August 25, or another date latter in the month.

Response: (7/28/09) Your concern is noted however the Department is committed to meeting the August 5, 2009, let date.

21) This question is intended to clarify your response on incidental conduit in traffic and pedestrian railing dated 7.27.09. I understand your response to mean that no utility conduit will be required in any bridge wall or traffic/pedestrian railing except where indicated explicitly on the lighting or signal portion of the plans. Is this correct?

Response: (7/28/09) No, that is not an accurate understanding. The structures plans for 256881-1-52-01 include requirements for conduit associated with bridge

traffic/pedestrian railing barriers. Structures 150273, 150274 and 150275 all include conduit as detailed in the Structures Plans. For FPID 256881-2, The locations where incidental conduit as detailed in FDOT Standard Index 21210 is required are detailed in the lighting and signalization plans. All costs are incidental as stated in index 21210.

22) Bridge no. 150260, 150262 & 150273 Question: (Stiffeners for the Struts in the Tubs) The Stiffeners Located on the Elevation view for the Struts do not match the Struts located on the framing plan. Are Some Struts (in the tubs) (Located Between the Piers And End Bents) Without Stiffeners to Tub Web?

Response: (7/29/09) For FPID 256881-2-52-01, the stiffener locations are shown in the box girder elevation on sheets B1-21 (Bridge 150262), B2-33 and B2-34 (Bridge 150260). There are some locations where there is a strut and a stiffener and other locations where there is a strut with no stiffener. All struts are connected to the box girder top flanges using connection plates as is shown on sheet B1-31 (Bridge 150262) and sheet B2-44 (Bridge 150260). For FPID 256881-1-52-01: Transverse stiffeners are not required at every horizontal strut location. See sheet B2-65, B2-66 and B2-67 for transverse stiffener locations.

23) Please confirm the operation of the cash availability schedules. We understand that the schedules are based on the fiscal year. So monies available under the column July 1 and October 1 for the fiscal year row 2010 are available on those dates in the calendar year 2009. Please confirm that this is correct.

Response: (7/29/09) Response: You are correct. Fiscal year 2010 begins July 1, 2009 and ends June 30, 2010. The funds shown for July and October for each fiscal year in the cash availability tables, the beginning month of the first and second quarter of each fiscal year, are in the preceding calendar year.

24) On the composite neoprene pads for bridge 150273, is it acceptable to substitute 12ga thick steel reinforcement in lieu of the 3/32" (ref sheet B2-98) while maintaining the same bearing height? Do shop drawings need to be submitted with the substitution?

Response: (7/30/09) The request to change from the 3/32" plate thickness to the 12 gage plate thickness should not be a problem since the net change in plate thickness between the two plate sizes is 1/64" per plate. Shop drawings are required for bearings regardless of whether they change the plate thickness and if the plate thickness is changed the design is effectively changed since the amount of elastomer has been revised. Therefore signed and sealed calculations will have to be submitted along with the shop drawings.

Submitted: 7/31/09:

25) Are the climbing pegs and safety cable required as noted on Sheet IT-36, Note #7 on Financial Project #256881-1-52-01 for Pay-Item #785-1-12?

Response: (8/3/09) Climbing pegs and safety cables will not be required for the CCTV poles.

26) Will the department delay the August 5, 2009 letting date?

Response: (7/31/09) The Department is committed to letting this project on August 5, 2009. Awarding a construction contract for this project will preserve and create jobs and promote economic recovery, the purpose of the American Recovery and Reinvestment Act of 2009, Public Law 111-5.