

Ohio Department of Transportation Prebid Questions

Project No. 101001

Sale Date - 1/21/2010

Question Submitted: 1/10/2010

Question Number: 1

Can you make the office calculations available for the pavement items? Thanks

Not available

Question Submitted: 1/10/2010

Question Number: 2

The qty for dynamic load testing, ref# 406, seems to be half of that required as per sheet 283/511.

Per CMS 523.02 each dynamic testing unit is to include testing on a minimum of two (2) piles. Thus a pay quantity of 4 each equals a total of 8 piles for dynamic testing, 4 at each abutment as the plans direct. The plans are correct.

Question Submitted: 1/11/2010

Question Number: 3

Ref. 451, RAILING, MISC. RIVERWALK GUARDRAIL RAILING, includes concrete bollards with stainless steel bollard caps. The details on Sheet 268 show a particular detail for the bollard caps that has appeared in other plans for projects along the river. However, we know that the existing caps on the railing to the north of this project, and possibly even the caps on the Genoa Park railing, were made with a different design that produced a product with the desired finished appearance. Will such an alternate design be allowed for this project? Also, the existing caps have what was specified as an "Angel Hair" finish on them, but this finish was not specifically mentioned in the plans or special provisions for this project. Will "Angel Hair" finish be required for this project?

A: Bid the ref. 451, RAILING, MISC. RIVERWALK GUARDRAIL RAILING, includes concrete bollards with stainless steel bollard caps item per plan. Contractor may submit an alternate manufacturer product for consideration during construction. "Angel Hair" finish may be considered that which produces an appearance that closely matches that of the existing riverwalk railing being removed (Ref. 24 – REMOVAL MISC.: RIVER WALK GUARDRAIL RAILING REMOVAL)

Question Submitted: 1/11/2010

Question Number: 4

Bid Ref. 269 & 617 – CONDUIT, CONCRETE ENCASED, AS PER PLAN – The "As Per Plan" description of these two items of work as detailed on plan pages 142/511 and 126/175 does not include the trenching required to install the six conduit duct bank. Likewise, the trench bid items (Bid Ref. 270, 271, 618 & 619) do not reflect the quantity to install the CONDUIT, CONCRETE ENCASED, AS PER PLAN under bid ref 269 & 617. Please either add additional quantities of trench or revise the "As Per Plan" notes to include the necessary trench.

Question Submitted: 1/11/2010

Question Number: 5

Part 1: The details for the concrete walks and pavements shown on sheets 266 and 274 all indicate 304 under the concrete, but no 304 is indicated on the typical sections. Is 304 required under the walks/pavements? Please clarify and modify the details and the 304 quantity.

A: The concrete walk typical sections with the 304 aggregate base on Sheet 266 are correct as shown. The quantity is provided on sheet 234. The concrete walk typical sections with the 304 aggregate base on sheet 274 are correct as shown. The aggregate base is included in the cost of the walk. The typical sections are revised to show the aggregate base. Revised plan sheets 5, 6, 7/511 are linked to this addendum.

All prospective bidders, subcontractors, suppliers, materialmen and all others who have an interest in these prebid questions and answers are advised that these items are being provided for informational purposes only and are not part of the bidding documents. If a question warrants a clarification, the Department will issue an addenda addressing the request for clarification to all plan holders. If the Department believes that the bidding documents adequately address the request, the contractor will be advised accordingly.

Ohio Department of Transportation Prebid Questions

Question Submitted: 1/11/2010

Question Number: 6

In the bridge General Notes on sheet 284/511, it is stated that the proof cores are to be included in the cost of Item 524--Drilled Shafts, 60" Diameter, Into Bedrock, APP. The notes further state that the proof cores will be drilled to a depth of 10 feet below the bottom of the rock socket, but that the Engineer could direct the contractor to drill 20 feet. Which depth should the contractor base their bid on? On jobs in the past, proof coring has been a separate bid item, paid by the foot. Would ODOT consider making this a separate pay item for this project?

A: On Part 1 Sheet 284 revise the following note to read: ITEM 524 - DRILLED SHAFTS, 60" DIAMETER, INTO BEDROCK, AS PER PLAN AN AIRLIFT SHALL BE AVAILABLE ON-SITE AND USED IF DIRECTED BY THE ENGINEER TO ASSIST IN CLEANING THE DRILLED SHAFT BEDROCK SOCKETS. On Part 1 Sheet 284 add the following note: ITEM 524 - DRILLED SHAFTS, MISC.: PROOF CORING TWO WEEKS PRIOR TO MOBILIZATION OF THE DRILLED SHAFT EQUIPMENT THAT WILL BE USED TO EXCAVATE THE DRILLED SHAFTS, A PROOF CORE SHALL BE OBTAINED AT THE CENTERLINE OF EACH DRILLED SHAFT LOCATION TO INVESTIGATE THE EXISTENCE OF VOIDS, DETERMINE THE INTEGRITY OF THE LIMESTONE BEDROCK SOCKET, AND TO CONFIRM EACH DRILLED SHAFT'S DESIGN BEARING ELEVATION. EACH PROOF CORE SHALL INCLUDE A CONTINUOUS CYLINDRICAL CORE OF BEDROCK EXTENDING FROM THE TOP OF LIMESTONE BEDROCK TO A DEPTH OF 10 FEET BELOW THE BOTTOM OF THE DRILLED SHAFT BEDROCK SOCKET AS SHOWN IN THE PLANS, THEREBY DISCLOSING THE SEQUENCE OF LIMESTONE BEDROCK STRATIFICATION. THE PROOF CORES SHALL HAVE A STANDARD NX CORE SIZE AND AN ATTEMPT SHALL BE MADE TO OBTAIN A ONE HUNDRED PERCENT RECOVERY RATE USING A DOUBLE OR TRIPLE TUBE TYPE CORE BARREL. IF DIRECTED BY THE ENGINEER DURING DRILLING, EXTEND PROOF CORES TO A DEPTH OF 20 FEET BELOW THE BOTTOM OF THE DRILLED SHAFT BEDROCK SOCKET AS SHOWN IN THE PLANS. THE ENGINEER OR ENGINEER'S REPRESENTATIVE SHALL BE PRESENT DURING THE CORING OPERATIONS. ANY VOIDS OR IRREGULARITIES ENCOUNTERED DURING DRILLING OF THE PROOF CORES SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER. SUBMIT CORE LOGS THAT MEET THE REQUIREMENTS OF THE DEPARTMENT'S SPECIFICATIONS FOR GEOTECHNICAL EXPLORATIONS TO THE ENGINEER BEFORE MOBILIZATION OF THE DRILLED SHAFT EQUIPMENT. THE ENGINEER SHALL BE FURNISHED THE RECOVERED PROOF CORES IN STANDARD COMPARTMENTALIZED ROCK CORE BOXES APPROPRIATELY LABELED AS TO THE LOCATION AND DEPTH (ELEVATION). THESE CORE HOLES SHALL BE FILLED WITH NONSHRINK GROUT. COSTS FOR OBTAINING THE PROOF CORES, INCLUDING FILLING THE PROOF CORE HOLES WITH GROUT, SHALL BE INCLUDED WITH ITEM 524 - DRILLED SHAFTS, MISC.: PROOF CORING. MEASUREMENT FOR PAYMENT OF PROOF CORING WILL BE BASED ON THE NUMBER OF LINEAR FEET FROM THE EXISTING RIVERBED AT THE LOCATION OF THE PROOF CORE TO THE SPECIFIED BOTTOM OF THE PROOF CORE. On Part 1 Sheet 289 add the following pay item: 524 95000, 1200 FT, DRILLED SHAFTS, MISC.: PROOF CORING The revised plan sheets 284 and 289 are linked to this addendum.

Question Submitted: 1/11/2010

Question Number: 7

Page 9/511 from Part 1 of the plans calls for 2" Diameter holes to be drilled in the concrete base at 6' on center. This note is listed under the granite curb detail, but references concrete curb also. Please clarify where the core holes will be required.

A: Page 9/511 from Part 1 of the plans calls for 2" Diameter holes to be drilled in the concrete base at 6' on center. The note was revised to state 2" diameter hole shall be drilled along the granite curb. Revised detail sheets 9 / 511 (Part 1) and 9 / 175 (Part 2) are linked to this addendum.

Question Submitted: 1/11/2010

Question Number: 8

Regarding the granite curb details on Part 1 sheet 10 and Part 2 sheet 11, where is the excavation and subsequent backfill of 3' of structural soil paid for? There is no pay item for this material. Also, please provide a specification for structural soil

The granite curb details on Part 1 sheet 10 and Part 2 sheet 11, the excavation and subsequent backfill of 3' of structural soil is included in the cost of the granite curb. See attached revised detail sheets, Part 1 - 9, Part 2 -9. The Structural Soil specification is linked to this addendum.

Question Submitted: 1/11/2010

Question Number: 9

Can the gatewell manhole MH D65C be precast instead of cast in place as per sheets 99-101?

The gatewell manhole must be bid as per the plans as a cast-in-place manhole.

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Ohio Department of Transportation Prebid Questions

Question Submitted: 1/11/2010

Question Number: 10

please see a response from a vendor for ref 202 and ref 203. In reference to the request for quote for pull boxes of the dimension of 13" x 24" x 9.5" : please be advised that polymer concrete ODOT approved 725.06 boxes of that depth are not available from us or from any other approved manufacturer. The molds for these boxes are very costly and require a lot of time to build, and no mfr would create a mold for this application. The 12" depth is standard for all other applications. We will quote the 13" x 24" x 24" requested boxes, as these will be 2-12" boxes stacked. No approved manufacturer makes a 24" deep one piece box. Therefore, be advised that the total depth will be an actual 22", due to the fact that the top box fits down inside the ring of the bottom box by 2" please advise

A: For ref. 202 and ref 203 there can be no variation from the depth dimension specified due to the depth of the sidewalk on the bridge into which they will be installed. The manufacturer may elect to either create a special mold or cut the standard 12" deep boxes down to the required 9 1/2" depth. Special Provisions, Section 18 Electrical, call for Quazite type PG stackable boxes. The fact that the overall height dimension when two 12" deep boxes are stacked is 22" instead of 24" is acceptable. However, the contractor may elect to use type PD boxes with an overall height of 26" and an interior depth of 24".

Question Submitted: 1/12/2010

Question Number: 11

It states in the special provisions of this job that the painter must be ISO9002 approved. We are not, but are per ODOT Standard 514 approved and been doing ODOT paint work for over 20 years. Is this sufficient enough to meet expectations for this job?

A: In Part 1 - Special Provision 8, RAILING, MISC.: BRIDGE & PLAZA RAILING, AS PER PLAN revise the ISO 9002 certification related requirements to instead require that the applicator either (a) be ISO 9001 certified and follow all applicable ISO 9001 requirements or (b) utilize an approved ODOT Bridge Paint Quality Control Specialist and follow all applicable quality control requirements of CMS 514.04. The requirement that the applicator must provide single source responsibility for both galvanizing and paint system application and all other requirements of the Special Provision still apply. (Note: ISO 9002 1994 has been replaced by ISO 9001 2008)

Question Submitted: 1/12/2010

Question Number: 12

Per page 8A/175 of Part Two of the plans Noble Street and Cherry Street are shown having 2 lifts of asphalt over an 8" asphalt base. The joint details on pages 111 and 113 then show those streets having concrete base in areas where the typical sections show asphalt base. Please clarify.

A: Sheet 8A of 175 is correct. Concrete base joint spacing details were removed from Sheets 111 and 113 of 175 along Noble Street and Cherry Street. Revised tiffs are linked to this addendum.

Question Submitted: 1/13/2010

Question Number: 13

The typical sections for Second Street show no aggregate base below the Misc Brick Paver Walk. Addendum 3 changed the APP Walk for Part Two by removing the aggregate base. Does the designer intend to keep the aggregate base below the concrete in the Brick Paver Walk detail as shown on page 10/175? Part 1 is similar in that the typical sections show subgrade compaction, but no aggregate base below the sidewalk. Please clarify if the aggregate base should be removed or placed as shown on pages 266, 267, and 274/511.

A: Part 1: The concrete walk typical sections with the 304 aggregate base on Sheets 266 and 267 are correct as shown. The quantities are provided on sheet 234. The concrete walk typical sections with the 304 aggregate base on sheet 274 are correct as shown. The aggregate base is included in the cost of the walk. For the revised typical sections for Part 1, see revised typical sheet 5, 6, 7/511 which are linked to this addendum. Part 2: The aggregate base under the Misc. Brick Paver Walk and concrete base will remain. The payment for the aggregate base is included in the cost of the Item Special – Misc.: Brick Paver Walk. Updated typical section sheets 7 and 8/175 are linked to this addendum.

Question Submitted: 1/13/2010

Question Number: 14

Page 4 of Addendum 3 refers to Special Provision 24 and the CCTV documents/videos for the CIPP work. Neither item can be found on the FTP site at present.

Page 4 of Addendum 3 refers to Special Provision 24 and the CCTV documents/videos for the CIPP work. They should now be linked to the addendum.

Question Submitted: 1/13/2010

Question Number: 15

Regarding the Special Provision for Seeded Exposed Aggregate Surface Treatment, is it ODOT's intent to have 4 lbs of glass and granite mixture for every square foot of surface? The S.P. indicates 1 lb of clear glass, 1.5 lbs of green glass, and 1.5 lbs of granite per square foot. One of the glass suppliers indicated that 1-1/4 lbs of material would provide 75% coverage per square foot. Please verify.

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Ohio Department of Transportation Prebid Questions

Question Submitted: 1/13/2010

Question Number: 16

Post Tensioning Special Provision Section 5.1 details a Modulus of Elasticity bench test to be performed if required in the Contract Documents or ordered by the Engineer. This test has not been required on our previous projects. Due to the high cost of this test, please clarify if this testing will be required on this project.

A: The tendon modulus of elasticity testing in Section 5.1 of the Post Tensioning System Special Provision will not be required for this project.

Question Submitted: 1/13/2010

Question Number: 17

Ref.#230 Rich Street Transformer Vault seems to be the same as Ref.#235 Special - Misc: Electric Vault, except that Ref.230 includes the vault and all items inside the new Rich Street Vault as per the note on sheet 160A/511, whereas Ref.235 is for the vault and grating only. Please clarify.

Ref.#235 Special - Misc: Electric Vault is a duplicated quantity and will be removed from the plans. Ref.#230 Rich Street Transformer Vault is the correct item and quantity and will remain unchanged. Revisions are as follows:

Sheet 31 – delete Item Special – Misc.: Electric Vault Sheet 43 – delete Item Special – Misc.: Electric Vault Sheet 111 – delete all details and notes – sheet not used Sheet 112 – delete all details and notes – sheet not used Sheet 114 – delete E2 item bubble

Question Submitted: 1/14/2010

Question Number: 18

Revised sheets 9/511 and 9/175 now include the structural soil beneath the granite curb. These sheets indicate that the structural soil extends from the back of the granite curb to some point behind the new concrete walk or brick walk. Is structural soil required behind the granite curb or only directly below the curb? What is the limit for structural soil behind the granite curb? Is it 1' behind the curb? To the back for the walk? Is structural soil required beneath the concrete or brick walk and is it incidental to the walks? Please clarify the limits of the structural soil.

Question Submitted: 1/14/2010

Question Number: 19

As of this morning, Special Provision 24 and the CCTV documentation for the CIPP work are still not posted on the FTP site. This has been asked for numerous times and has been answered that these documents were submitted and are on the server under Addendum 2. These are not part of Addendum 2. The only things we are able to see on the FTP site are Addenda B/C/D/E revised plan sheets and Special Provisions 1-23. Please review the FTP and confirm these files are posted. If this is not the correct place to view these, please post a link that directs us to these files.

Question Submitted: 1/14/2010

Question Number: 20

On 1/5/10 this question was asked: Part 1: Plan Sheet 271/511 Ref. 44 Brick Walk Complete states that the brick material is to be provided by the City of Columbus. What materials is the City providing? Addendum 3 answered this question by revising sheet 276 to include the correct description of brick types. This does not answer the question. What materials is the City of Columbus providing for this?

Question Submitted: 1/14/2010

Question Number: 21

The bid item description for Ref. 348 specifically names PZ22 sheet piling, and the description for Ref. 356 specifically names PZ27. These sections are produced by a single mill. Is it ODOT's intent to single source this piling, or will other products with an equivalent section modulus be acceptable?

Question Submitted: 1/15/2010

Question Number: 22

Part 1: In the walk details on pages 266 and 267/511, 1/2" expansion joint with sealant is called out. Per 608 spec, there is no sealant material listed. Please clarify what sealant material is required for this job.

Type NS Silicone Sealant for Concrete: Single-component, low-modulus, neutral-curing, non-sag silicone sealant complying with ASTM D 5893 for Type NS.1. Available Products:a. Crafcro Inc.; RoadSaver Silicone.b. Dow Corning Corporation; 888.c. Equal product approved by Architect.

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Ohio Department of Transportation Prebid Questions

Question Submitted: 1/15/2010

Question Number: 23

Per Addendum 6, it was read to mean that the 304 aggregate base beneath the walk is paid separately in some cases and is incidental in others. Please clearly list which bid items have 304 paid separately and which have it paid incidental.

The details and/or notes in the plan state where the aggregate base is included in the cost of the Walk bid item. No revisions are necessary to the detail sheets. Below is a summary:Part 1 – Item 304 is a separate pay item for the following: · Item 608 – 4”, 6”, 8” Concrete Walk, As Per Plan· Item 608 – 4” 8” Concrete Walk with Seeded Exposed Aggregate· Item 451 – 6” Reinforced Concrete Pavement, As Per Plan Item 304 is incidental to the walk pay item for the following: · Item 608 – Walkway, Misc.: Brick Walk Complete· Item 608 – Walkway, Misc.: X” Concrete Walk with Buff Wash Finish Complete Part 2 – Item 304 is a separate pay item for the following: · None Item 304 is incidental to the walk pay item for the following: · Item Special – Misc.: Brick Paver Walk· Item Special – Misc.: Brick Paver Crosswalk· Item 608 – Walkway, Misc.: X” Concrete Walk with Buff Wash Finish Complete

Question Submitted: 1/18/2010

Question Number: 24

Regarding CMS 515.02, is a producer of prestressed concrete bridge members required to have their specific facility approved prior to the bid date if they intend to use that facility for a project that is bidding? In other words, if a company already has pre-approved plants, but wants to add a new location for a particular job, does that new location have to be certified prior to the bid date, or can the certification process take place after the bid?

According to 501.03, it is clear that the fabricator needs to be pre-qualified the day of the letting. If the plant is not approved, regardless of affiliation with other plants, it can not be used.

Question Submitted: 1/19/2010

Question Number: 25

I am getting some SERIOUS doubts from the precasters that this very aggressive schedule can be met. We have to have the precast pieces erected before it gets too cold to grout. The delivery dates I'm being told would make it impossible to get grouted this year, so we couldn't proceed until Spring 2011. Which would not give enough time to complete the project. Can the completion date be extended for this project?

There are three major grouting operations in the phasing of the project, it is possible that at least one of those phases will occur during the winter months. If the contractor's critical path schedule depicts any work item falling into the winter months, including the grouting of the post-tensioning ducts, the bid must reflect all accommodations to perform the work as scheduled and as described in the project specifications and special provisions. No weather days will be granted solely based on air temperatures. The department and the City have evaluated the completion date and finds that August 31, 2011 is a realistic completion date for this project.

Question Submitted: 1/19/2010

Question Number: 26

Regarding the CIPP work on Part 2, it is our understanding that this work is scheduled to be performed directly under a City of Columbus contract during the month of February and does not need to be included under the ambiguous General Requirement item of this contract. Please clarify.

Item Special – Misc.: SS-1 General Requirements and Item Special – Misc.: SS-11 Lateral Status Determination will be performed under the Part 2 (Scioto Mile – Second Street) contract. The existing storm sewer will remain connected to the existing 15” sanitary after the CIPP lining project being performed by others is complete. After construction of the proposed storm sewer in the Part 2 contract, these existing storm sewer connections will need to be removed/plugged by the Part 1 / Part 2 contractor. Item Special – Misc.: SS-1 General Requirements is intended to cover any work not included in Item Special – Misc.: SS-11 Lateral Status Determination or in the item to reconnect the clean water connections to the sanitary sewer (see the UNRECORDED STORM WATER DRAINAGE note on sheet 15 / 175). There are no changes to the plans. These items and the work to be included in the items are described on sheet 92 of 175.

Question Submitted: 1/19/2010

Question Number: 27

Addenda No. 6 provided a revised SPECIAL PROVISION SS-1 for Part-1, that does not include any sewer lining, only abandonment of the Rich Street Regulator Chamber. Part 2 still includes SPECIAL PROVISIONS SS-I and SS-II on Sheet 92/175. SS-I appears to cover Lateral Trimming and MH Adjust to Grade. SS-II appears to cover Lateral Status Evaluation. Neither SS-I or SS-II include any quantities for sewer lining. Please provide quantity and size information if any sewer lining is to be included with these items.

Part 2 still includes SPECIAL PROVISIONS SS-I and SS-II on Sheet 92/175. SS-I appears to cover Lateral Trimming and MH Adjust to Grade. Okay SS-II appears to cover Lateral Status Evaluation. Okay Under SS-I, 1.2 DESCRIPTION OF WORK, B. it states “THE ENTIRE SEWER TO BE LINED WAS VIDEOTAPED IN JUNE 2008. THE VIDEOTAPE AND LOGS ARE AVAILABLE TO THE CONTRACTOR AS PART OF THE BID DOCUMENTS.” There is no lining quantities listed in SS-I but the answer to prebid questions on page 2 of Addenda 4 states that “This work is covered by plan note on Part 2 Sheet 92.” There is no lining work in Part 2. The addenda response “work” was referring the ITEM SPECIAL - MISC.: SS-1 GENERAL REQUIREMENTS pay item and notes, not to specific lining work.

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Ohio Department of Transportation Prebid Questions

Question Submitted: 1/5/2010

Question Number: 28

Part 2: Per plan sheet 92/175, the sewer videotape and logs from a June 2008 sewer video are available as part of the bid documents. Please make these available as soon as possible.

The CCTV documents have been linked to this addendum, under CCTV of 15-inch Combined Sewer.

Question Submitted: 1/5/2010

Question Number: 29

Part 2: Detail A for concrete walk APP on sheet 164/175 shows 4" of 304 subbase below the walk but no 304 is indicated on the typical sections. Is 4" of 304 subbase required below the sidewalk? If so, please modify the typical sections and adjust the 304 quantity.

Part 2 Sheet 164 revised to remove aggregate base from beneath Item 608 – Concrete Walk, As Per Plan.

Question Submitted: 1/5/2010

Question Number: 30

Part 2: In the General Summary sheets 37-38, a number of items have quantities derived from office calculations. Please provide the office calculations for the following items: Ref. 469 Subgrade Compaction, Ref. 513 Pavement Planing, Ref. 514 Full Depth Pavement Sawing, Ref. 515 Asphalt Concrete Base., Ref. 516 Aggregate Base, Ref. 517 8" Concrete Base, Ref. 518 Tack, Ref. 519 Tack, Ref. 522 Asphalt Concrete Interm, Ref. 523 Asphalt Concrete Surface, Ref. 526 11" Non-Reinf. Concrete Pvmnt.

The calculations are not available at this time.

Question Submitted: 1/5/2010

Question Number: 31

Part 2: Typical Section sheet 8 indicates an item 22, but there is no 22 in the legend. Please identify what this is supposed to represent.

There is a note in the lower right hand corner of the page 8 that states "FOR LEGEND, SEE SHEET 6". The legend on sheet 6 does include an item 22.

Question Submitted: 1/5/2010

Question Number: 32

Part 1: Plan sheet 271/511 Ref. 44 Brick Walk Complete states that the brick material is to be provided by the City of Columbus. What materials is the City providing for this?

Part 1 Sheet 276 revised to include correct description of brick types.

Question Submitted: 1/6/2010

Question Number: 33

We request a two week extension to the bid date.

A delay is not planned at this time.

Question Submitted: 1/6/2010

Question Number: 34

In response to an answer from a previous question: There are separate bid items for the detour signing, Part 1 and Part 2. Sheet 21 in Part 1 and sheet 22 in Part 2 are the same. Which item is the contractor to bid the bike detour in? Question Submitted: 12/15/2009. 1. yes, there are separate bid items for the detour signing in parts 1 & 2- there are 2 separate detours, the part 1 detour is on SR45, part 2 detour is on US20. 2. sheets 21 in part 1 and 22 in part 2 are not the same. 3. there are no bike detours in the project. Sheet 21 in Part 1 and Sheet 22 in Part 2 specifically say Maintenance of Traffic Bike Detour. Are these sheets to be deleted if there is no bike detour? Please clarify.

This was answered in Addendum 2 and the item for Detour Signing was removed from Part 2.

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Ohio Department of Transportation

Prebid Questions

Question Submitted: 1/6/2010

Question Number: 35

There is a note on plan page 16/511 column 2 "West Bank Park closure & access Requirements" We are unsure based on the descriptions in these paragraphs what areas are to be restricted. The contractor is going to need the use of the entire west bank of the river from where this project ties into the existing improvements upstream of the new bridge to the point where the work ties into the new construction being completed for the Main St. Bridge for the full duration of the contract. Access to the causeway in the river for bridge construction must be maintained over the river bank within the park areas for almost the full contract time. Near the end of the construction time the landscaping, walks and other improvements will be built along the west bank of the river. The west bank area including portions of the now closed Washington Blvd. & Town St. is the only significant staging areas available to the contractor west of the river. We therefore request that the above paragraph be clarified, deleted or rewritten to allow the contractor full use of the areas west of the river within the construction limits for the full contract duration.

The closing of the West Bank Park for the project duration is not an option for this project. Based on the agreement between the US Department of the Interior, the Federal Highway Administration, Ohio Department of Transportation, and the City of Columbus, the West Bank Park must remain open during the duration of the Rich Street Bridge project except for a maximum of 6 months that the park can be closed to reconstruct the park per the plans. The contractor can use for the full duration of the project the area within the permanent R/W. The contractor is responsible for providing access to the park area as specified in the plan note on Sheet 16.

Question Submitted: 1/6/2010

Question Number: 36

We have done a detailed schedule for the construction of part I (The Rich St. Bridge & approaches) of this project. Based on this schedule we believe the requested completion date of August 31, 2011 is not achievable. Under perfect conditions with no lost time due to high water in the river, inclement weather or freezing temperatures which prevent grouting & other work the completion date could barely be met. Delays due to high water will affect causeway work, pier foundations & construction, temporary erection tower construction, abutment foundations & precast erection. Our perfect conditions schedule to meet the requested completion requires much of the grouting for the precast arches to be done during the winter months. The post tensioning specification prohibits grouting with temperatures below 40 degrees. It is unlikely temperatures warm enough to allow grouting will occur during a normal winter season. Heating the structure as designed to allow grouting in the winter over the river is impractical. Given the above we believe a realistic completion date to complete most of the bridge will be at best late 2011 or spring 2012. However since much of the streetscape, walks, paving & landscaping at the ends of the bridge cannot be done until the bridge is complete and with good weather the final completion is unlikely until the middle of 2012. This project while differing in design from the Main St. Bridge project is nearly as complex & challenging to construct as that structure. Main St. has been under construction for 40 months with another 6 months to go. Deducting 3 or 4 months for demolition included in that contract the total equivalent duration will be about 42 months. In comparison the department has allowed 19 months for this project - less than 1/2 the time. We therefore request that the department extend the completion date for Part I of this project to at least July 31, 2012 which provides 31 months to build it.

The department and the City have evaluated the completion date and finds that August 31, 2011 is a realistic completion date for this project. Time extensions due to high water and weather are excusable, non-compensable delays and as such time extensions we be granted per contract documents.

Question Submitted: 1/6/2010

Question Number: 37

At the prebid meeting on December 18, it was stated that the 4A notes for the project would be corrected. So far, this has not happened. Please provide the 4A notes for this project as soon as possible.

See addendum #2

Question Submitted: 1/6/2010

Question Number: 38

Part 1 of this project includes Bid Item 118 SS-1 General Requirements and the corresponding Part 1 Special Provision 23: SS-1 General Requirements. The description of the work under this Special Provision details the rehab/repair of the existing 15" & 24" combined sewer on 2nd Street between Rich St. & Noble St. This section of the project is included under Part 2. Should this reference be included in Part 2 instead of Part 1? The description of work in Part 1 Special Provision 23: SS-1 General Requirements states that the scope of the project includes repair to the existing 15" & 24" combined sewer on 2nd Street between Rich St. & Noble St. by utilizing Cured-in-Place Pipe. Is CIPP part of the work to be included with Bid Item 118? The description of work in Part 1 Special Provision 23: SS-1 General Requirements further states that prior to lining the sewer, a lateral status evaluation shall be performed and a report submitted as outlined in Part 1 Special Provision SS-11. Part 1 Special Provision SS-11 is the Structural Survey and Monitoring of Vibration Spec. and has nothing to do with lateral status evaluation. Please clarify what is required here for Bid Item 118.

The reference to SP 23 in Part 1 is correct. Part 1 SP 23 is revised (attached) to remove referral to the 15" and 24" combined sewer, to CIPP lining, and to the Lateral Status report. This work is covered by plan note on Part 2 Sheet 92.

All prospective bidders, subcontractors, suppliers, materialmen and all others who have an interest in these prebid questions and answers are advised that these items are being provided for informational purposes only and are not part of the bidding documents. If a question warrants a clarification, the Department will issue an addenda addressing the request for clarification to all plan holders. If the Department believes that the bidding documents adequately address the request, the contractor will be advised accordingly.

Ohio Department of Transportation Prebid Questions

Question Submitted: 1/6/2010

Question Number: 39

The form liner described on page 7/185 and dimensions given to further describe the architectural intent do not match the "Scott System #147 Large Fractured Trapezoid" dimensions given on their web site. Please advise what dimensions were intended.

Based on information provided by Scott System representative, Greg Showalter (303-373-2500), the dimensions shown on their website for the Scott System #147 Large Fractured Trapezoid pattern are incorrect. The correct dimensions for this form liner pattern are shown on the plans. Use the form liner dimensions shown on the plans.

Question Submitted: 1/6/2010

Question Number: 40

Please refer to plan page 285 of 511 the note "Item Special Structure, Misc.: Causeway. We have several questions regarding the stockpiled pre-existing material stored on City property. 1. If the contractor elects NOT to use this material for a causeway is the pre-existing material to be removed as part of this project? If yes how is the removal paid? If the material is removed how is the property to be final graded & what erosion control measures are required? It appears a portion of the pile is within the construction limits of the project. 2. If the contractor elects to use some or all of the pre-existing material from the stockpile in a river access causeway should the material be returned to the pile when no longer needed for access? If yes what final grading & erosion control measures are required for the property? If no how is the disposal cost of the material to be paid? What happens to any material in the pile not used? Given the volume of material in question this is a significant issue.

On Part 1 Sheet 15A add the following general notes: STAGING AREA The portion of City of Columbus parcel at SW corner of Town St and Washington Blvd designated on the plans as "Staging Area for Construction Personnel Only" is available as a potential staging area subject to successful negotiation between the Contractor and the owner (City of Columbus). If upon successful negotiation the Contractor elects to use the site, the Contractor is responsible for making it ready for such use, including moving and proper disposal of all stockpiled materials (either by suitable and acceptable incorporation in the project work or by proper disposal off the project site) and for restoring the site upon completion of the project work to the owner's satisfaction by grading for natural drainage and seeding and mulching for grass. Consider the cost of this work as incidental to the project; no separate payment will be made. ITEM SPECIAL – MISC.: REMOVAL OF STOCKPILED MATERIAL ALL STOCKPILED MATERIAL WITHIN THE CONSTRUCTION LIMITS (INCLUDING ADDITIONAL AMOUNT NECESSARY TO LEAVE A STABLE SLOPE ON ANY REMAINING STOCKPILED MATERIAL) THAT REQUIRES REMOVAL FOR CONSTRUCTION AND FINAL GRADING ON THE PORTION OF THE CITY OF COLUMBUS PARCEL AT THE SW CORNER OF TOWN STREET AND WASHINGTON BOULEVARD SHALL BE REMOVED AND PROPERLY DISPOSED OFF OF THE PROJECT SITE OR PROPERLY INCORPORATED INTO THE PROJECT WORK. PAYMENT FOR THIS WORK AND ALL EQUIPMENT, LABOR, AND APPURTANCES TO PERFORM THIS WORK SHALL BE MADE UNDER ITEM SPECIAL – MISC.: REMOVAL OF STOCKPILED MATERIAL, PER LUMP SUM. On Part 1, Sheet 30 add the following pay item: ITEM SPECIAL, 690984000, LUMP, MISC: REMOVAL OF STOCKPILED MATERIAL On Part 1 Sheet 285 revise the general note, ITEM SPECIAL – STRUCTURE, MISC: CAUSEWAY to add the following: When the causeway is removed, properly dispose of the causeway material off of the project site. Do not return material to the above noted City of Columbus parcel.

Question Submitted: 1/6/2010

Question Number: 41

After Project 264[06] Main Street Bridge is completed, will the successful bidder on Project 101001 Rich Street Bridge be permitted to use the same field office and staging area site?

Once the Main Street Bridge project is completed, the Rich Street Bridge contractor may seek permission to use City owned property outside the limits specified in the Rich Street Bridge plans, by submitting a request in writing to the City of Columbus seeking approval from the director. This request must include a clear definition of the area with boundaries they are seeking to use. No access to this site will be permitted until approval by the director is

Question Submitted: 1/6/2010

Question Number: 42

Can Structural Backfill Type 1 (703.11 material) with less than 5 percent passing the No. 200 sieve be used in lieu of 703.17 material as backfill for the bridge abutments and plaza walls?

No. 703.17 is what is required as backfill for the bridge abutments and plaza walls.

Question Submitted: 1/6/2010

Question Number: 43

This question is in regards to the fiberglass grating, Ref. 425. There are 3 companies specified in the plans as acceptable suppliers (Sheet 429/511). It is our understanding that 2 of the 3 companies specified manufacture their grating overseas, using American made components. At least 1 of those 2 companies does their final fabrication in the U.S. once the grating is shipped from overseas. The question is, does this material fall under the Buy American requirements of ARRA? If so, will the 2 companies mentioned above be allowed to provide material based on the fact that the components are American made? If they are not, then ODOT has created a single-source situation.

There are no "Buy American" provisions in regard to the fiberglass grating.

All prospective bidders, subcontractors, suppliers, materialmen and all others who have an interest in these prebid questions and answers are advised that these items are being provided for informational purposes only and are not part of the bidding documents. If a question warrants a clarification, the Department will issue an addenda addressing the request for clarification to all plan holders. If the Department believes that the bidding documents adequately address the request, the contractor will be advised accordingly.

Ohio Department of Transportation Prebid Questions

Question Submitted: 1/6/2010

Question Number: 44

The answer to the prebid question regarding the 404 & 401 Permits and the City of Columbus Floodplain Permit was that it is linked to the addendum. The addendum has not been posted. This information is important for this project and can make a substantial difference in the cost of the Causeway bid item depending on what the permits show. Please post the addendum as soon as possible.

See addendum # 2

Question Submitted: 1/7/2010

Question Number: 45

Per the plan page 158 of 511 and special provisions page 21, 22 and 27 of 35 the type B-1 and C pole and fixture refer to 1 sole source manufacture for both part 1 ref. 158, ref. 194 and ref. 195 and part 2 ref. 559, ref. 573 and ref. 574. Is the project going to be taken over by the City of Columbus from ODOT after completion for ownership? The City of Columbus Division of Electricity Electrical Street Lighting Specification MIS-172 have multiple manufactures listed. Is it the intent of the project to sole source types B-1 and C pole and fixture per the special provision pages? Please advise. This is a correction on the MIS-numbers the correct number for Steel Decorative Downtown Pole and Fixture is ammended above.

Question Submitted: 1/7/2010

Question Number: 46

Referring to reference item 118, Special - Misc.: SS-1 General Requirements - is the Cured-In-Place Pipe and Manhole Rehabilitation to be included in this bid item? If so please provide detailed specifications on what Columbus is requiring for these items as the SS-10 and SS-12 specifications noted in the SS-1 spec are not part of the contract documents. Additionally how do we obtain the sewer videos that are noted in the SS-1 1.2 item B section?

CIPP and Manhole Rehabilitation are not required in Part 1. The special provision was revised accordingly and following was provided with pre-bid question #23 in Addendum 2: "The reference to SP 23 in Part 1 is correct. Part 1 SP 23 is revised (attached) to remove referral to the 15" and 24" combined sewer, to CIPP lining, and to the Lateral Status report. This work is covered by plan note on Part 2 Sheet 92." The sewer videos were provided in an earlier Addendum under CCTV of 15-inch Combined Sewer:

Question Submitted: 1/7/2010

Question Number: 47

In the maintenance of traffic notes on sheet 19 of Part 1 it calls for the Temporary Construction Entrance to be included in item 614 - Maintaining Traffic, As Per Plan. Normally Construction Entrances are paid for under the Erosion Control bid item due to Supplemental Specification 832 which is included on sheet 1. How is this to be paid for?

The payment of the Temporary Construction Entrance is paid for under "Item 614 - Maintaining Traffic, As Per Plan", as noted on Sheet 19 of Part 1. The City of Columbus Std Dwg 2222 is also shown on Sheet 19 to clarify the City's requirements for the construction entrance.

All prospective bidders, subcontractors, suppliers, materialmen and all others who have an interest in these prebid questions and answers are advised that these items are being provided for informational purposes only and are not part of the bidding documents. If a question warrants a clarification, the Department will issue an addenda addressing the request for clarification to all plan holders. If the Department believes that the bidding documents adequately address the request, the contractor will be advised accordingly.

Ohio Department of Transportation Prebid Questions

Question Submitted: 1/7/2010

Question Number: 48

Per the plan page 158 of 511 and special provisions page 21, 22 and 27 of 35 the type B-1 and C pole and fixture refer to 1 sole source manufacture for both part 1 ref. 158, ref. 194 and ref. 195 and part 2 ref. 559, ref. 573 and ref. 574. Is the project going to be taken over by the City of Columbus from ODOT after completion for ownership? The City of Columbus Division of Electricity Electrical Street Lighting Specification MIS-175 have multiple manufactures listed. Is it the intent of the project to sole source types B-1 and C pole and fixture per the special provision pages? Please advise.

Revise Part 1 Special Provision 18 ELECTRICAL WORK, Section 2.12.D.4 and Part 2 Special Provision 2 ELECTRICAL WORK, Section 2.12.D.3 to read: Type B-1 a. Pole associated with Black Tear Drop to be manufactured by Holophane, Sun Valley, King Luminaire or Sternberg and as detailed on the plans. b. Pole consists of pole shaft, clamshell, flagstaff holder, banner arms, and bracket arm. The street light pole shall consist of a 16 sharp fluted, tapered, 27'0" steel shaft having a base welded to the lower end and be complete with 4 - 1 1/4" x 36" anchor bolts. The anchor base shall have four slotted holes to accommodate a 13" to 15" bolt circle. Each pole shall have one (1) fixed flagstaff holder mounted at 19' above the base plate on the street side at a 45 degree angle. Pole shall have one set of banner arms extended thru pole on the street side of the pole and holes to accommodate flower basket arms, the holes shall have 1- 1/16" diameter plugs for flower basket arms. See drawing details for dimensions and accessories. c. The complete unit shall be designed for wind loading of at least 90 MPH. The pole shaft will have a service opening cut into it. The size of the opening will be 5" x 9" in size and will be covered by the cast decorative base when installed. The service opening will be oriented 90 degrees to the left from the luminaire orientation when standing in the street. A ground lug will be braised to the inside of the pole shaft opposite the service opening. d. The clamshell base shall be aluminum and in two (2) parts, free from warping and fit together uniformly without binding or gaps at the point of juncture and be capable of fitting all listed manufacture's poles. e. Four (4) 1 1/4" - 8NC high strength, hot dipped galvanized, steel anchor bolts, each fitted with a hex nut, shall be furnished with the poles. Each anchor bolt shall have an "L" bend at the bottom end and be threaded at the top end. Threaded ends and all nuts shall be galvanized. Anchor bolts shall be capable of resisting at yield strength stress the bending movement of the shaft at its yield strength stress. f. All hardware (bolts, nuts and washers - but not including anchor bolts) not otherwise specifically designated in this specification, shall be stainless steel. g. All metal components shall have black powder coated finish. All exposed fasteners shall be black anodized. All fixtures shall have standardized allen head screws for the entire unit. Shaft and bracket arm assembly shall be wrapped with a heavy water resistant paper for protection during shipment and installation.

Question Submitted: 1/7/2010

Question Number: 49

On plan part 1 page 159, 160 of 511 and part 2 page 142 of 175 refer to pull box misc 725-06. The sizes listed are not all what is listed in the material management QPL listing for 725-06. Does the manufacture need to provide samples for testing of the different size box's, and do the plan sizes need to be listed on the QPL listing? The special provisions page 1 states that those provisions prevail over CMS requirements and as such would govern pull box's listed in the project ref. 577 and 578 in part 2 and ref. 202, 203, and 204 from part 1 and not require QPL listing? On special provisions page 9 of 35 list Quazite as the only manufacture to provide box's for the ref listed above. 725-06 also has Highline listed as an approved supplier. Is it the intent of the project to sole source the pull box's ref 202, 203, 204 and ref 577 and 578 parts 1 and 2? Please advise.

Bid the items as specified in the bid documents. It is the intent to sole source the noted items. In the Participation columns on Part 1 Sheet 163 and Part 2 Sheet 144 shift quantities for the noted items from CITY & ODOT column to 100% CITY column: Part 1 Sheet 163625 31600, 2 EACH, PULL BOX, MISC.: 725.06, 24"X36"X24"625 31600 48 EACH, PULL BOX, MISC.: 725.06, 13"X24"X9 1/2"625 31600 3 EACH, PULL BOX, MISC.: 725.06, 17"X30"X9 1/2" Part 2 Sheet 144625 31600 8 EACH, PULL BOX, MISC.: 725.06, 13"X24"X24"625 31600 1 EACH, PULL BOX, MISC.: 725.06, 24"X36"X24" Per 725.01 provide samples if required by the Laboratory.

All prospective bidders, subcontractors, suppliers, materialmen and all others who have an interest in these prebid questions and answers are advised that these items are being provided for informational purposes only and are not part of the bidding documents. If a question warrants a clarification, the Department will issue an addenda addressing the request for clarification to all plan holders. If the Department believes that the bidding documents adequately address the request, the contractor will be advised accordingly.

Ohio Department of Transportation Prebid Questions

Question Submitted: 1/7/2010

Question Number: 50

In part 1 ref 194 and part 2 ref 559 the poles are listed in the special provisions as Lumec. Lumec is a Canadian manufacture and the poles could be manufactured in Canada, Is the US Domestic Steel requirement waived for the project? Is the requirement for poles to be from a ODOT certified supplier waived? Lumec is not listed in the Materials Management Decorative pole supplier list, does it need to be? Page 1 of the Special provisions Electrical work say special provisions prevail, will this also be the case with the section 106.09 Steel and Iron Products Made in the United States and the Federal and state laws that are applicable.

Revise Part 1 Special Provision 18 ELECTRICAL WORK, Section 2.12.D.4 and Part 2 Special Provision 2 ELECTRICAL WORK, Section 2.12.D.3 to read: Type B-1a. Pole associated with Black Tear Drop to be manufactured by Holophane, Sun Valley, King Luminaire or Sternberg and as detailed on the plans. b. Pole consists of pole shaft, clamshell, flagstaff holder, banner arms, and bracket arm. The street light pole shall consist of a 16 sharp fluted, tapered, 27'0" steel shaft having a base welded to the lower end and be complete with 4 – 1 1/4" x 36" anchor bolts. The anchor base shall have four slotted holes to accommodate a 13" to 15" bolt circle. Each pole shall have one (1) fixed flagstaff holder mounted at 19' above the base plate on the street side at a 45 degree angle. Pole shall have one set of banner arms extended thru pole on the street side of the pole and holes to accommodate flower basket arms, the holes shall have 1- 1/16" diameter plugs for flower basket arms. See drawing details for dimensions and accessories. c. The complete unit shall be designed for wind loading of at least 90 MPH. The pole shaft will have a service opening cut into it. The size of the opening will be 5" x 9" in size and will be covered by the cast decorative base when installed. The service opening will be oriented 90 degrees to the left from the luminaire orientation when standing in the street. A ground lug will be braised to the inside of the pole shaft opposite the service opening. d. The clamshell base shall be aluminum and in two (2) parts, free from warping and fit together uniformly without binding or gaps at the point of juncture and be capable of fitting all listed manufacture's poles.e. Four (4) 1 1/4" - 8NC high strength, hot dipped galvanized, steel anchor bolts, each fitted with a hex nut, shall be furnished with the poles. Each anchor bolt shall have an "L" bend at the bottom end and be threaded at the top end. Threaded ends and all nuts shall be galvanized. Anchor bolts shall be capable of resisting at yield strength stress the bending movement of the shaft at its yield strength stress.f. All hardware (bolts, nuts and washers – but not including anchor bolts) not otherwise specifically designated in this specification, shall be stainless steel.g. All metal components shall have black powder coated finish. All exposed fasteners shall be black anodized. All fixtures shall have standardized allen head screws for the entire unit. Shaft and bracket arm assembly shall be wrapped with a heavy water resistant paper for protection during shipment and installation.

Question Submitted: 1/7/2010

Question Number: 51

Part-2 Sheet 92/175 under SS-1 GENERAL CONDITIONS, 1.2 DESCRIPTION OF WORK, B. states "THE ENTIRE SEWER TO BE LINED WAS VIDEOTAPED IN JUNE 2008. THE VIDEO TAPE AND LOGS ARE AVAILABLE TO THE CONTRACTOR AS PART OF THE BID DOCUMENTS." Where can we find this VIDEO TAPE and LOGS.

These were provided in an earlier addendum.

Question Submitted: 1/7/2010

Question Number: 52

On Ref# 97, the 22-1/2" x 36-1/4" is not a normal corrugated metal arch size. The normal size is 35"x24" in 707.01 or 33"x26" in 707.12. Also, the type of material listed is Type C, which normally means 707.12, but 707.01 is listed in the description. Can you please provide more clarification on the size and the type of material? Thanks.

Pipe size is revised to 35" x 24" (30" CMP equivalent size). Since the pipe is submerged, 707.01 provides a metallic coated metal pipe (galvanized / aluminized). See revised Part 1 plan sheets 13, 30, 40, 41, and 84.

Question Submitted: 1/7/2010

Question Number: 53

Light poles, part 1, ref # 0157, type A-1 poles. Question #1-Hapco cannot guarantee that a clear anodized finish will match the top handrails. Anodizing will inherently result in color variations and color uniformity is not guaranteed. Color variations in anodized finishes are unavoidable on all aluminum material by any manufacture. Anodized finishes are not covered under Hapco warranty. Will ODOT accept this? Question #2-Is type A-1 light pole to be installed on parapet? Is a t-base required? What size anchor bolts does ODOT require for this installation? Question #3-type A and A-1 light pole specification requires a 20" t-base. Only 17" t-base is a federal highway approved for breakaway. Should the pole include a 17" t-base instead of 20"?

Question 1: Reasonable variations in color will be accepted.Question 2: Refer to Part 1 Sheet 206 Detail 2 and Sheet 211 detail for pole and anchorage information. No T-base required for pole type A-1.Question 3: Transformer base for pole type A is specified as 17" on Part 1 Sheet 206 Detail 1.

Question Submitted: 1/8/2010

Question Number: 54

Per Addendum 2, sheet 36/511 references 577 sf of 8" Walk APP on the Northwest corner of Rich Street and Civic Center Drive. Sheet 271 again references 508 sf of 8" Buff Wash Walk for the same location. Please clarify.

Delete 577 sf 8" concrete walk, as per plan on sheet 36. Reduce 8" Concrete Walk, As per Plan on sheet 29 to 11,407 sf.

All prospective bidders, subcontractors, suppliers, materialmen and all others who have an interest in these prebid questions and answers are advised that these items are being provided for informational purposes only and are not part of the bidding documents. If a question warrants a clarification, the Department will issue an addenda addressing the request for clarification to all plan holders. If the Department believes that the bidding documents adequately address the request, the contractor will be advised accordingly.

Ohio Department of Transportation Prebid Questions

Question Submitted: 1/8/2010

Question Number: 55

Since the bottom of the Riverwalk Wall concrete(sheet pile wall at the Rear Abutment and runs North)is below water elevation there should be a Cofferdams Cribs and sheeting bid item in order to construct it. Please add this bid item in an addendum.

On Part 1 Sheet 489 add pay item 503 11100, LUMP, COFFERDAMS, CRIBS AND SHEETING.

Question Submitted: 1/8/2010

Question Number: 56

Under the Special Conditions in the 404 Permit attached to Addendum 2, Item No. 1 & Item No. 4 both mentioned attachments but they were not included as part of the addendum. Please provide the attachments in an addendum.

Item 1, plans 1-8, and Item 4, the Memorandum of Agreement, are linked to this addendum.

Question Submitted: 1/8/2010

Question Number: 57

For Bid Ref 221, Lighting, Misc.: Historical Handrail Lighting Assembly, it is listed as a sole source manufacturer. We would like to have Targetti's Mercure Series of LED in-grade strip light reviewed and considered as an Approved Equal. The material specifications can be found at the following web-site:http://www.targetti.it/products/en/EXTERIEUR/LINEAR_LIGHT_/MERCURE_CLASSIC_/IDP_304

For Bid Ref 221, Lighting, Misc.: Historical Handrail Lighting Assembly, it is listed as a sole source manufacturer, bid the item per plan. Contractor may submit an alternate manufacturer product for consideration during construction.

Question Submitted: 1/8/2010

Question Number: 58

For Bid Ref 225, Lighting, Misc.: Underbridge Decorative Floodlighting Assembly, it is listed as a sole source manufacturer. We would like to have NorthStar Thron - Sunspot series of Archetctural Flood Lights review and considered as an Approved Equal. The material specifications can be found at the following web-site:http://www.thornlighting.com/com/en/products_electronic_catalogue_f.htm

For Bid Ref 225, Lighting, Misc.: Underbridge Decorative Floodlighting Assembly, it is listed as a sole source manufacturer, bid the item per plan. Contractor may submit an alternate manufacturer product for consideration during construction.

Question Submitted: 1/8/2010

Question Number: 59

Please post the full web address link to the plans for the old bridge recently demolished. It does not appear on the Fra 17831 site with the addenda or special provisions.

Question Submitted: 1/9/2010

Question Number: 60

Based off of the department's and the City's answer to the prebid question from January 6th with regards to their detailed analysis of the proposed August 2011 completion date, please adjust the field office to the 18 months that in your opinion is required to complete this project. The current number of months in the proposal of 48 months is obviously grossly over stated and needs to be changed to 18 months.

The quantity was revised to 22 months in Addendum 2, allowing a few extra months for finalization.

Question Submitted: 12/15/2009

Question Number: 61

There are separate bid items for the detour signing, Part 1 and Part 2. Sheet 21 in Part 1 and sheet 22 in Part 2 are the same. Which item is the contractor to bid the bike detour in?

1. yes, there are separate bid items for the detour signing in parts 1 & 2- there are 2 separate detours, the part 1 detour is on SR45, part 2 detour is on US20.2. sheets 21 in part 1 and 22 in part 2 are not the same.3. there are no bike detours in the project.

Question Submitted: 12/17/2009

Question Number: 62

There are Polymer Concrete Pull Boxes shown on Plan Sheets 223 & 224. These boxes appear to be 24" square and have a depth of 9-1/2" on sheet 223 and 24" on sheet 224. Also these boxes seem to require two separate covers, one with a logo of festival and s additional cover with simply a 4" Dia. hole in the center of the cover for power cables. If this is indeed the case where are these boxes being paid for and are two covers per box required.

Question Submitted: 12/21/2009

Question Number: 63

1. Can the 404/401 permits be made available on an ODOT ftp site?2. On plan sheet 4/511 under the Index of Special Provisions it shows The City of Columbus Floodplain Permit dated 12/3/07. It is not included in the Special Provisions provided with the bid documents. Please provide it in an addendum.

A1:The OEPA Water Quality Permit and the 404 Permit is linked to the addendum.A2:The Flood Plain Permit is linked to the addendum.

All prospective bidders, subcontractors, suppliers, materialmen and all others who have an interest in these prebid questions and answers are advised that these items are being provided for informational purposes only and are not part of the bidding documents. If a question warrants a clarification, the Department will issue an addenda addressing the request for clarification to all plan holders. If the Department believes that the bidding documents adequately address the request, the contractor will be advised accordingly.

Ohio Department of Transportation Prebid Questions

Question Submitted: 12/21/2009

Question Number: 64

Part 2, plan sheet 137B/175 there are several pullboxes called out on this page, 1 new 32" RND, 1 pullbox being removed and replaced with a 32" RND, 1 pullbox being removed and replaced by others and finally a symbol of a pull box but no flag as to what is to be done with it. With all this reference to 32" RND pull boxes I have yet to find the pay item for this material.

This pull box will be installed by others. No change in quantities is necessary.

Question Submitted: 12/21/2009

Question Number: 65

1. Ref. No. C1 & C2 on Plan sheet 36/511 shows 176 lf & 166 lf of 18" Granite curb but the totals were carried through under Curb Type 6 as per Plan. Due to the location of the curb I believe that ODOT intended for the curb to be Type 6 but the quantities were placed in the granite curb column. Please revise in an addendum.

On Part 1 Sheet 36/511: Move the quantities for REF NO. C1 & C2 to occur under ITEM 609 CURB, TYPE 6, AS PER PLAN. The plan sheets will show the revisions.

Question Submitted: 12/23/2009

Question Number: 66

Approach slab reinforcing list on sheet 449/511 does not total up correctly. Shouldn't the state's weight be 32,090 lbs?

Reinforcing steel lengths and weights for approach slabs, abutments and walls are revised per the attached revised Part 1 sheets 449, 451-458, 479-481 and 500.

Question Submitted: 12/24/2009

Question Number: 67

1. The bid quantity for Bid Item 3300 – 4" Concrete Walk, appears to be overstated by 4247 sf. The walk on the east side of the bridge is counted twice; once on page 36 as 4" walk and again on page 271 as 4" buff finish walk. 2. The bid quantity for Bid Item 3400 – 6" Concrete Walk, appears to be understated by 1550 sf. This walk is located under the rear abutment. Page 238 shows this labeled as 6" walk but only counts the quantity south of the bridge. Please revise the bid quantities in an addendum.

See Addendum

Question Submitted: 12/30/2009

Question Number: 68

There is a lot of fiberglass grating on this job which I am quoting to contractors on the bid list. Are there any "Buy American" provisions in regard to the fiberglass grating. If so where can I find a description of what is acceptable. Thanks,

There are no "Buy American" provisions in regard to the fiberglass grating.

Question Submitted: 12/30/2009

Question Number: 69

Reference 669 Field Office has a quantity of 48 months. Assuming the projects starts 2/1/2010 with a completion date of 8/31/2011, the field office would only be required for 19 months. Should the bid quantity be adjusted to reflect this duration?

The quantity for Field Office was revised in a previous addendum.

Question Submitted: 12/30/2009

Question Number: 70

Can the Department post the plan sheets that exist for the old bridge that was recently torn down on line? They would be useful to calculate the amount of concrete rubble & earth that was generated during the demolition. Has the department surveyed the rubble pile to quantify it's volume?

In regards to the first part of the question, I have placed the existing plan on the server under ExistingPlans/FRA-17831. For the second part of the question, there is 10,000 CY of bank run. The amount of concrete rubble has never been determined.

Question Submitted: 12/31/2009

Question Number: 71

Would it be acceptable to use an oversize temporary casing in the top of the casings? This would be needed to hold the water out from the top of the concrete which is lower than the water pool elevation.

The use of oversized temporary casing would be acceptable.

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