

Delaware Department of Transportation  
**QUESTIONS AND ANSWERS**  
**T200911302 (1B)**  
**US 301 & SR 1 Interchange**  
**Thursday, February 11, 2016**

Q #	Question	Answer
11	<p>1) Are the Maintenance of Traffic Signs and Devices shown on plan sheets 375-427 incidental to the Maintenance of Traffic Item 1120 or under the unit price items?</p> <p>2) Are the Maintenance of Traffic Signs and Devices shown on detour plan sheet 428-432 incidental to the Maintenance of Traffic Item 1120 or under the unit price items?</p> <p>3) Project note 45 on plan sheet 7 states that "excavation within wooded areas shall be incidental to Item 201000-Clearing and Grubbing". Some previous 301 bid documents contained a similar note but referring to undercut in the wooded areas. Please clarify.</p> <p>4) Page 2 of 7 of the Utility Statement identifies contractor work to be performed in advance of the ESNG Gas relocation to the "East Side" of Route 13. Please provide an expected alignment and profile so that we may calculate any clearing or grading required.</p> <p>5) Sheet 40 CP-05 shows Endwall EW-404 is to follow the special detail on sheet DT-14. Sheet DT-14 (97) shows the detail for Endwall 201-206. Is this the same endwall and just incorrectly named, or is this for a different endwall?</p> <p>6) Sheets 39 and 42 show 20 LF of drainage pipe 20" DIP. Detail sheet DT-19 also shows 42 LF of 20" DIP drop pipe and fittings. Is there a bid item for 20" DIP and these connections? If not is this work incidental to another item and if so which?</p>	<p>1) The Maintenance of Traffic Signs and Devices shown on plan sheets 375-427 are under the unit price items except as described within notes 10 and 11 on Sheet No. 374.</p> <p>2) The Maintenance of Traffic Signs and Devices shown on the detour plan sheets 428-432 are under the unit price items.</p> <p>3) Please see response to Question 7.2.</p> <p>4) The installation of the new ESNG Gas facilities along the east side of US 13 and crossing US13 occurs outside of the limits of construction of this contract. ESNG is utilizing a laydown area at the St. Georges Laydown area as shown on Plan Sheet 83. The ESNG crossing of US13 in this area occurs at a point south of the Set Aside Area for Potential Item 759508-Field Office for Contract T200911302. The DelDOT Contractor will be responsible for coordinating his activities in this area, including the installation of the Stabilized Construction Entrance and Access Road, with ESNG's activities to avoid any delay to the ESNG installation.</p> <p>5) The endwall detailed on sheet 97 / DT-14 is named incorrectly and should be used for endwall EW-404. Sheet No. 97 / DT-14 will be revised.</p> <p>6) The 20" DIP and fittings are incidental to the cost of the inlets, Bid Items 0700 (708512) Drainage Inlet Special 1 and 0780 (708513) Drainage Inlet Special II. Special Provision was revised in Addendum 2.</p>

Q #	Question	Answer
11	<p>7) Structure DI-401 on sheet 45 is labeled as 2-72"x24". Bid item 0730 (708057) has a quantity of 2 EA. Is this two inlets side by side, or one inlet with the dimensions of 2-72"x24" inlets? Could you provide a detail for this structure and adjust the bid item if it is only 1 structure?</p> <p>8) There are bid items 0770 Drainage Inlet Special I and 0780 Drainage Inlet Special II but there are none shown on the construction plans. Can you tell me what inlets these bid items are for and where they can be found on the plans?</p>	<p>7) DI-401 on sheet 45 is two -72"x24" inlets side by side.</p> <p>8) Bid Item 0700 (708512) Drainage Inlet Special 1 refers to DI-419 on sheet nos. 39 and 40 and 0780 (708513) Drainage Inlet Special II refers to DI-427 on sheet nos. 41 and 42.</p>
10	<p>1. Do we need to get prequalified for this project in particular?</p> <p>2. How can we stay informed on the bid package?</p>	<p>1. The requirements for prequalification are discussed in Prospective Bidders Note No. 13.</p> <p>2. Unofficial bid documents are posted on-line at:  <a href="http://www.bids.delaware.gov">http://www.bids.delaware.gov</a>  Check back often for updates.</p>
9	<p>In the Typical Sections Sheet TS-13 the median is shown as infilled with (Y) Item 712005 - Rip Rap, R-4.</p> <p>The typical also refers to detail DT-07 (shown on DT-06) this detail indicates that Item 712020 should be used for this work.</p> <p>Please indicate which item should be used.</p>	<p>The correct item for Riprap R-4 in the subject area is 712005 – Riprap, R-4 (SY)</p>
8	<p>The Borrow Pit Access Road depicted on Sheet GR-01 calls for 6" of #57 Stone (Item 302011), Bid Item 302011 is for No. 3 Stone.</p> <p>Please specify which stone type should be used for constructing the Access Road.</p>	<p>The correct item is 302012 (No. 57 Stone).</p>

Q #	Question	Answer
7	<p>1. Please clarify if the Contractor is responsible for any tolls on SR 1 during construction or if non-revenue passes will be issued.</p> <p>2. Note 45 on Plan Sheet 7 states “Excavation within wooded areas shall be incidental to Item 201000 – Clearing and Grubbing. All other excavation shall be paid for under Item 202000 – Excavation and Embankment.” Please clarify exactly what excavation is incidental to Clearing and Grubbing and provide a breakdown for the quantity involved.</p> <p>3. Please confirm that on Plan Sheet 7 under Miscellaneous #41-I That Reinforced Silt Fence used for Wetland Access Road Type II will be paid for separately and that it is not incidental to the Wetland Access Road Item. The Measurement and Payment on page 77 of the Proposal for Wetland Access Road indicates that “erosion control measures’ are part of the Wetland Access Road item. In addition; note 3 on Plan Sheet 380 indicates that E &amp; S Control Devices are incidental. Please clarify what is incidental and what is paid for under separate pay items as it relates to E &amp; S for Wetland Access Road in particular.</p> <p>4. Please clarify if it is the intent of DelDOT that the MSE Wall Select Backfill is to be obtained from the Borrow/Ditch areas on this project or is to be obtained from an offsite source?</p> <p>5. The answer to question #2 that was posted on 2-6-2016 provided a link for existing Construction Drawing; we are unable to locate these drawings. Could you please provide additional information where to locate this information.</p>	<p>1. The Contractor is responsible for any tolls on SR 1. The Contract Documents include measures to provide work area access for the T200911302 Contractor from US 13 or Hyetts Corner Road, and there is a Temporary Construction Easement running north from Hyetts Corner Road for the purpose of site access to the west side of SR 1, with provisions for a haul route, as depicted on Sheet 380. Using these identified accesses and haul routes shall be required unless otherwise approved by the Engineer to minimize the interaction of construction vehicles with high-speed traffic on SR 1.</p> <p>2. Note 45 refers to a 2-foot excavation below existing grade for the entire roadway footprint or stormwater management facility footprint within wooded areas. The roadway footprint is considered to be the width of the embankment where the embankment slopes would intercept the 2-foot excavation. All excavation in this area within wooded areas is incidental to Item 201000- Clearing and Grubbing as per the note. Per the Note, “All other excavation shall be paid for under Item 202000 – Excavation and Embankment”; thus, any excavation outside the horizontal and vertical limits to be paid under 201000 shall be paid under item 202000. The estimated quantity subject to this provision is covered on the earthwork sheets, in rows designated “Less Rootmat Removed in Cut”, "Backfill for Unstable Subgrades after Rootmat is Removed Under Fill" and "Plus Rootmat Removed Under Fill Not Backfilled With Borrow Type B".</p> <p>3. The payment described in Note 41 on Sheet 7 is correct; Reinforced Silt Fence will be paid separately.</p> <p>4. The MSE Wall Select Backfill shall be obtained from an offsite source and conform to the requirements of the Contract Documents. The bid price for MSE Walls shall include “furnishing backfill material” per the contract special provisions.</p> <p>5. For clarification, the specific link is:  <a href="http://www.del.dot.gov/information/projects/us301/us301Archive/ContractorInfo/pdfs/Contract1B/General/Contract92-110-07SR1OverScottRunBridgePlansWMPR.pdf">http://www.del.dot.gov/information/projects/us301/us301Archive/ContractorInfo/pdfs/Contract1B/General/Contract92-110-07SR1OverScottRunBridgePlansWMPR.pdf</a></p>

Q #	Question	Answer
7	6. On Plan Sheet 380 there are two boxes that say "Limit of Contract T200911302" pointing to areas on or adjacent to the Proposed Haul Road shown at the bottom of the sheet; please clarify the intent of the noted limits.	6. The limit is intended to represent the area that the T200911302 will be responsible for restoring to pre-construction conditions per the note "CONTRACTOR'S SOLE ACCESS FOR HAULING ACTIVITIES SHALL BE IN THE TEMPORARY CONSTRUCTION EASEMENT SOUTH OF THE RIGHT OF WAY ON PARCEL 235. CONTRACT T200911302 SHALL HAVE EXCLUSIVE USE OF THIS AREA AND ALL LANDS SHALL BE RESTORED PER TERMS OF THE TEMPORARY CONSTRUCTION EASEMENT AGREEMENT."
6	When is the official cutoff date and time for questions for T200911302.01 that is bid on 2-16-2016; please advise	Prospective Bidders Note 2 states: "QUESTIONS regarding this project are to be e-mailed to dot-project@state.de.us no less than six business days prior to the bid opening date in order to receive a response." Bids will be received until 2:00 PM on Tuesday, February 16, 2016.

Q #	Question	Answer
5	<p>1. Is the Post Tensioning for Bridge 1-433 paid by the lb per item - 623514 on plan sheet 204 or is it paid LS per the payment specification on page 193 of the proposal? Please clarify. Method of Measurement and Basis of Payment: The preparation, testing, furnishing, installing, stressing, grouting and anchorage protection of the post-tensioning system in the various concrete units will be paid for at the contract lump sum price for the Post-Tensioning Pier Strands item. The payment will be full compensation for all tendons, anchorages, ducts, grout as well as all material, labor, equipment, tools and incidentals necessary to complete the work.</p> <p>2. Could you define the limits of the “Wetland Access Road, Type II”. Plan sheets 380 and 381 show an access road past what appears to be necessary for the limits of construction. Plan sheet 82 shows a portion of the access road to be coordinated with contract T200911308 and notes pay items 302011 and 713002. What is part of this contract, what is incidental to item 202508 and what is part of other pay items?</p> <p>3. For MSE walls, is Precast barrier with cast-in-place moment slab allowed in lieu of the as-shown CIP parapet?</p>	<p>1. The Special Provision for Item 623514 will be revised to indicate the post-tensioning for Bridge 1-433 will be paid for at the Contract unit price per pound.</p> <p>2. Bid tabs will be revised to include item 202508 – Wetland Access Road, Type II, in “Section 0001 – Widening of Bridge 903S, SR 1 Over Scott Run” which will be the pay item for the Wetland Access Road on Sheet 360.</p> <p>Plan sheets 380 and 381 show haul road access to Hyetts Corner Road. Fill material to be transported to the east side of SR 1 will be transported along this route, Hyetts Corner Road, and US 13 to reach the construction site east of SR 1. The crossing of the tributary to Scott Run will be paid by item 202508 – Wetland Access Road, Type II, already included in “Section 0002 – Road.” Other components of the haul route are incidental to the items that the haul route is being used to construct, except for seeding to restore the haul route.</p> <p>The patterned access road on Sheet 82 is not a wetland access road nor is it a temporary haul road. It is a 20 foot wide permanent stabilized turf road as described by the section and pay items provided on Sheet 82.</p> <p>Notes on Sheet 7 identify items that are incidental to the Wetland Access Road and items that are paid separately.</p> <p>3. The Department will not allow a precast barrier with cast-in-place moment slab alternate for the MSE walls.</p>

Q #	Question	Answer
<b>Saturday, February 06, 2016</b>		
4	<p>1. Structures RW1-3 and RW1-3R do not show any type of drainage system behind MSE walls. Is this typical for DELDOT or should there be a drain system with weepholes?</p> <p>2. Please provide as-built drawings for interfering structures for bridge 1-432. Temporary sheeting (SOE) is called out on sheet 153 for existing Wingwalls on the West side of 1-432 and we have no information on what we are supporting? Additionally the cross sections do not show any existing structures or gas lines.</p> <p>3. Is any demolition required for the existing structures? Nothing is indicated in 1-432 plans unlike the plans for 1-903S which shows this scope of work.</p> <p>4. Is SOE required on the east side of the bridge to support US-13? We have no information stating otherwise. Is SOE needed for the gas line removal?</p> <p>5. Please provide a cross section showing the depth of the existing 10” steel gas line that needs to be removed? Note 7 on sheet 156 indicates the depth of a 16” steel gas line but nothing for the 10”.</p> <p>6. The plan view ( sheet 153) indicates the two gas lines are to be removed by others and portions in this contract, notes 6 &amp; 7 on sheet 156 state that this work is done in this contract. Please clarify.</p> <p>7. On page 127 &amp; 128 of the Proposal; the Method of Measurement and the Basis of Payment for 602616 – Waterproofing PCCC Masonry Surfaces seem to be in conflict; please clarify payment for this item of work</p>	<p>1. MSE wall drainage systems with weepholes are not required for this project.</p> <p>2. Construction drawings for Bridge No. 1-903 from Contract No. 92-110-07 have been posted For Information Only to : <a href="http://www.deldot.gov/information/projects/us301/us301Archive/ContractorInfo/index.shtml">http://www.deldot.gov/information/projects/us301/us301Archive/ContractorInfo/index.shtml</a></p> <p>3. Demolition of portions of Bridge No. 1-903N is not required.</p> <p>4. Temporary support of excavation on the east side of Bridge No. 1-432 is not anticipated. Temporary support of excavation is anticipated for the removal of portions of the existing 10-inch gas line due to depth below the existing ground surface. See responses to questions 5 and 6 below.</p> <p>5. Based on nearby test hole information, the existing 10-inch gas line is anticipated to be approximately 10 feet below the existing ground surface in the areas of the Bridge No. 1-432 abutments.</p> <p>6. The plan notes on Sheet 153 indicate that the existing 16-inch and 10-inch gas lines will be relocated, abandoned and purged by others. The existing 16-inch line shall remain in place. The existing 10-inch line shall remain in place except for the portions designated for removal by the DeIDOT Contractor in Contract T200911302, as specified on Sheet 156 Note 6 and Sheet 103 (Dwg, No. DT-20) Note 1. The Utility Statement also notes that the two ESNG gas lines are being purged and abandoned in place by ESNG.</p> <p>7. Agreed. The Basis of Payment will be revised to indicate that the waterproofing membrane is incidental to Item 602015.</p>

Q #	Question	Answer
4	<p>8. Under Special Provision 602772 – Mechanically Stabilized Earth Walls it indicates on page 129 of the Proposal that the “design of the internal stability of the MSE wall shall be the responsibility of the wall manufacturer. Determining the minimum length of reinforcing elements, as set forth herein, shall be the responsibility of the Contractor.” On page 130 under Length of Reinforcing Elements it indicates that “the minimum reinforcement length shall be as shown on the plans and not less than 8’. In addition the length of the reinforcing elements shall be sufficient to satisfy all design criteria with respect internal and external stability.” Please clarify these requirements; in the past the Wall Manufacturer was responsible for internal stability and the Owners/Designers took care of allowable bearing capacities and external stability parameters., please clarify your intent.</p> <p>9. On page 280 of the Proposal it indicates that for Scheduling Software that Primavera Planner version 7.0 or latest is required; there are 12 computers required for this project. Is it the intent to have Primavera scheduling software on all 12 computers; software is very expensive. Please advise.</p> <p>10. On page iii of the Proposal under the Prequalification requirement it indicates that if a Contractor has previously submitted Prequalification to DeIDOT for other US 301 contracts and that information was accepted, then the Contractor does not need to resubmit for this contract. If this is the case and the Contractors name is on the list of US 301 Prequalified Firms; does the Prime Contractor have to submit by 10 AM on day of bid and/or include with his Bid</p>	<p>8. The minimum reinforcement lengths provided on the Plans are the minimum lengths required to satisfy the external stability of the MSE wall. The wall manufacturer is responsible for designing the reinforcement to meet the requirements for satisfying internal stability; however, the proposed reinforcement length must be equal to or greater than the minimum reinforcement lengths provided on the Plans.</p> <p>9. Only one computer is required to have Scheduling Software Primavera Planner version 7.0 or latest.</p> <p>10. No.</p>
3	<p>Construction Detail Sheet DT-16 and Sheet SW-04 both indicate that the structures shown will be paid under Item 272000 Pond Outlet Structure, Concrete No. 1.</p> <p>The Revised item number for this Contract item is 910006 which does not appear in the bid items, if these are both to be paid under Revised item 910007, than what is the Contract item 708512 for Manhole, Special I used for?</p>	<p>The structure on SW-04 designated as 272000 Pond Outlet Structure, Concrete No. 1 shall be paid as item 910007.</p> <p>Contract Item 708512 for Drainage Inlet, Special I, detailed on DT-19, shall pay for Inlet I-419</p> <p>Contract Item 708513 for Drainage Inlet, Special II, detailed on DT-19, shall pay for Inlet I-427</p> <p>Contract Item 708582 for Manhole, Special I, detailed on DT-16, shall pay for MH-414.</p>

Q #	Question	Answer
<b>Friday, January 29, 2016</b>		
2	<p>Portions of MSE wall RW1-3R have a 2:1 backslope of the backfill behind the wall. The wall height in these areas range from approx 7 ft up to a max. height of approx 40 ft.</p> <p>Based on the AASHTO Fig. 3.4.1-2, this project is located in a Seismic zone with a Peak Horizontal Acceleration = .06g. We are assuming a Site Class "D" per AASHTO to determine the maximum wall acceleration.</p> <p>Preliminary MSE Wall designs assuming the above seismic conditions and using the Mononabe-Okabe method per the required AASHTO LRFD 7th Edition, indicate that the current wall geometry and grading configuration behind the walls would create an unstable situation.</p> <p>There is no indication of seismic loading requirements in the contract plans.</p> <ol style="list-style-type: none"> <li>1. Are these design assumptions for seismic loading correct?</li> <li>2. Were Seismic forces considered for the Department's evaluation of global stability?</li> <li>3. Was the Mononabe-Okabe method used to determine the external stability of these MSE Walls?</li> </ol>	<ol style="list-style-type: none"> <li>1. Site Class D was used for bridge design on this project.</li> <li>2. No, seismic analysis of retaining walls is not a design requirement for this project.</li> <li>3. No.</li> </ol>
1	<ol style="list-style-type: none"> <li>1. Top of MSE Wall elevations for RW1-3 on Sheets 302 thru 305 are not shown. Please provide.</li> <li>2. Top of MSE Wall elevations on RW1-3R on Sheets 333 thru 335 are not shown. Please provide.</li> <li>3. Top of MSE Wall elevations on MSE Wall at Abutment A on Sheet 215 are not shown. Please provide.</li> </ol>	<p>The top of MSE wall elevations in these areas shall be determined by the Contractor based on the elevations of the moment slabs on top of the walls. This information can be derived from the road construction plans, profiles and typical sections and the details on Sheets 288 &amp; 289, 306 thru 313, and 336 thru 351. Some elevations on the top of the moment slabs at the flowline/face of the parapet are shown on the plan sheets that show the Moment Slab Plan Views.</p>

Q #	Question	Answer
*	<b>The below Questions and Answers were submitted on previous RT301 contracts and apply to this contract.</b>	
C	<p>1. Does the prime contractor need to submit all of his subcontractors at the time of bid?</p> <p>2. Does the prime contractor need to submit craft training certification for all of his subcontractors to be prequalified?</p> <p>3. How can a prime contractor add subcontractors after the award if their craft training certification was not submitted at the time of the pre-qualification?</p> <p>4. What happens if a prequalified prime contractor fails to maintain a craft training program for the life of the contract?</p>	<p>1.No, the prime contractor and subcontractors need to submit the “Prequalification for US 301 Contracts” form and provide supporting program documentation no later than 10 a.m. local time on the date of bid opening for prequalification.</p> <p>2. Yes, the prime contractor and subcontractors need to submit the “Prequalification for US 301 Contracts” form and provide supporting program documentation no later than 10 a.m. local time on the date of bid opening for prequalification.</p> <p>3. We will consider the addition of subcontractors after award of the Contract. Any subcontractors added will be subject to the same prequalification requirement for craft training in order to be approved for use on the Contract.</p> <p>4. Enforcement of the craft training program will be the responsibility of the Delaware DOL.</p>
B	<p>Are we to submit all subcontractors that are under consideration, as the final decision on who we will be using will not have been made by that time?</p>	<p>To comply with 29 Del C. 6962(c)(11), all contractors and subcontractors with apprenticeable trades are required to have a craft training program and must be prequalified to bid on the US 301 projects.</p>
A	<p>Will you be publishing the list of signed in attendees to the US 301 Contractor Information Meeting held on August 24?</p>	<p>For questions and answers regarding unofficial information presented at the Contractor Information Meeting, please refer to the US301 Project Web site:  <a href="http://www.deldot.gov/information/projects/us301/us301Archive/ContractorInfo/index.shtml">http://www.deldot.gov/information/projects/us301/us301Archive/ContractorInfo/index.shtml</a></p>