

QUESTIONS AND ANSWERS

T201907402.02

Rehabilitation of I-95, 2nd Street On-Ramp Improvements, New Castle County

Friday, January 24, 2020

Q #	Question	Answer
12	On Plan # BB-03 (SHEET # 83) the details show " phospher bronze " and the Special Provision states both Self-Lubricating Bronze (ASTM B22 ALLOY C91100) and Phosphor Bronze (ASTM B100 ALLOY C510000). Will Self-Lubricating Bronze (ASTM B22 ALLOY C91100) be allowed instead of Phosphor Bronze?	The Special Provision was developed to encompass all types of bronze bearings related to the project. However, for this contract, the bearings must be fabricated in accordance with the Plans, which is limited to the phosphor bronze.

Thursday, January 23, 2020

11	In regards to Item 625000 – LMC Overlay and the corresponding furnishing items DelDOT Specification section 625.3.c states to “Place the overlay concrete only when the local ambient temperature is above 45 degrees Fahrenheit for the entire curing period.” The curing period is defined as 7 day wet cure in 625.7.a and any day when the air temperature at the overlay surface falls below 45 degrees Farenheit will not be counted as a cure day. It is very likely this overlay will occur during the winter months when the ambient temperature does not maintain 45 degrees and often will get in the low 20’s overnight. Will DelDOT consider suspending contract time if all other work is complete and LMC cannot be placed? If contract time won’t be suspended will heating of the deck be allowed? Why is there a 7 day wet cure on LMC concrete?	The contract time will not be suspended and the 7 day wet cure is what is required and has been required for LMC overlays per DelDOT specs. As such, heating will be allowed, and the cost for heating should be included in the Contractor’s bid price if the Contractor feels the overlay will need heating to meet the specifications based on his CPM schedule and means and methods for meeting the specification. Additional costs for heating will not be considered during construction, so the bid price for the LMC overlay should be made with this consideration.
10	On page 114, the specifications state that the contractor will have to work extended hours, weekends and holidays to complete the project. On the drawings, Sheet PN-02, it states that DelDOT has not obtained a noise waiver and work hours are limited from 8:00 AM to 7:00 PM M-F and 10:00 AM – 5:00 PM Sat-Sun and Holidays. We request that DelDOT reconsider the language on PN-02 and support the contractors in obtaining a noise waiver.	Per the response to Question 5, we will support the contractor in obtaining noise waivers. See the response to Question 5 for additional information.
9	Bidder also requests copies of the Payment and Performance Bond forms required by the Delaware DOT.	The Performance/Payment Bond has been posted to the website.

Q #	Question	Answer
8	<p>“Neither the Bid Proposal document, nor the Standard Specifications outline the insurance requirements for this project. Section 103.07 of the Standard Specifications does advise that the successful Bidder must maintain insurance in compliance with the requirements contained within §2502 and §2503 of Title 18 of the Delaware Code; however, these sections do not outline the insurance coverages required by the Delaware DOT for Contractors for this project. Please advise of the pertinent requisites; including coverages, limits and other applicable requirements.”</p>	<p>29 Del C. §6962(d) (9) requires the successful bidder to purchase adequate insurance for the performance of the contract. Contractors are advised to refer to this section of the Code to determine the amount of insurance they will provide.</p>
7	<p>On page 114, the specifications discuss the “B” component of the contract to equal \$21,000 per day with a maximum disincentive of \$1,890,000. We are clear on the intent of this section. On the following page 115, there is a Road User Cost up to \$30,000 per day. Other than Road User Cost and the disincentive payment, are there other liquidated damages associated with this contract? Please advise.</p>	<p>Yes. Additional Liquidated Damages are charged once the contract time (B component of the bidding) has been reached in accordance with Sections 108.08 and 108.09 of the Standard Specifications. For the first 90 days after, both the RUC liquidated damages and the contract liquidated damages (section 108) will be assessed. Once the maximum disincentive has been reached, only the contract liquidated damages will be assessed each day thereafter. For the disincentive described on pages 115 and 116, the \$30k is for non-compliance to the lane closure restriction on I-95 and can be combined with the other liquidated damages should the Contractor fail all of the contract requirements associated with each set of damages.</p>
6	<p>With the short time frame to put together this proposal, we are requesting a postponement to January 31, 2020. Please advise.</p>	<p>The bid date has been extended until Tuesday, February 4, 2020 per Addendum No. 2.</p>

Q #	Question	Answer
5	<p>We are concerned that there may be unforeseen work restrictions that will impede the Project's progress.</p> <p>A note on Sheet 26 and Sheet 27 of the Contract Drawings indicates that work may be stopped for direction from the Engineer if unforeseen situations are encountered. This could delay the Project for a considerable amount of time. Noise waivers for night work may hold up the job, with no certainty of resolution.</p> <p>Also, Road and Bridge closures for certain phases of construction are not specified-per Note 17 on Sheet PN-01. This is extremely vague and virtually impossible to incorporate into a Schedule for the Contract prosecution. Accordingly, either the A + B method of bidding must be eliminated, or an Addendum be issued granting the Contractor sufficient extensions of time, when such interruptions occur.</p>	<p>We have been working closely with the City of Wilmington, who has agreed to be flexible with noise waivers for the I-95 Rehab project and its associated contracts. Upon execution of the contract, DelDOT will work with the Contractor and the City to obtain noise waivers based on the Contractor's CPM schedule, which should be prepared with consideration given to the lane and road closure restrictions laid out in the Plans. Time extensions will be considered in accordance with the Special Provisions for Items 763508 and 763509, as well as the applicable sections in the Standard Specifications.</p>

Friday, January 17, 2020

4	<p>Pertaining to Item 605509, Micropiles, there are several notes on the Contract Drawings (Sheets PL-01 to PL-07) directing the Contractor to advise the Engineer when a conflict with the existing Foundation Pile locations is encountered. This could result in a relocation of the new Micropiles, which would involve a time consuming determination by the Engineer and potential delay to our operations, which are completely out of the control of the Contractor. With this Contract's extremely tight Schedule, it is impossible for the Contractor to allow for this delay. Will the Department allow additional time to the Contract, should this situation arise. In our opinion, all of the Micropile Foundation Work is on the Critical Path of the Contract.</p>	<p>Please consider our conservative design that was planned to try and mitigate this very issue by:</p> <ol style="list-style-type: none"> 1. Over-sizing the footing by 1' all sides to allow a pile to be moved when an obstruction is encountered. 2. Extra rebar was incorporated into the footing design in case a pile was moved and the resultant spacing increased rebar stresses. 3. The micropiles were designed with reserve capacity in case any move within the footing. 4. Micropiles can be moved up to 1' without re-analysis. <p>However, if a situation occurs that still requires a re-analysis, our design model is set up to provide a relatively quick response to the Contractor (generally within 2 working days). It should be noted that should a pile need to be adjusted within the constraints above, the designer should still be notified to maintain an accurate design model as construction progresses. Delays will be considered in accordance with the Special Provision for items 763508 and 763509 as well as the Standard Specifications.</p>
---	--	--

Q #	Question	Answer
3	<p>Would you verify the quantity for Item 610017 PCC Masonry Superstructure? The two bridges' quantities total 613 CY, as was in the previous Bid.</p>	<p>The number in the re-advertisement bid book is correct (476 CY). The values in the tables on plan sheets 32 and 33 are incorrect for BR 1-748S. See the breakdown by bridge and by repair items below.</p> <p>Item 610017 PCC Masonry, Superstructure Bridge 748S Total: 367 CY Breakdown: Repair No. 1 (Joint Replacement): 14 CY Repair No. 8 (Widen Spans 33S-39S): 270 CY Repair No. 14 (Parapets Spans 26S – 32S): 84 CY Bridge 750 Total: 109 CY</p> <p>Total for contract: 476 CY</p>

Tuesday, January 14, 2020

2	<p>Does the new prequalification requirement as detailed on Page 1 of "General Notices" apply only to Prime Contractors, or to Subcontractors as well?</p>	<p>The Prequalification requirement applies only to the Prime contractor.</p>
1	<p>What strength and at what time interval. Can't find item 610019 requirements in Standard Specifications for Road and Bridge Construction, only states High Early Strength.</p>	<p>This item is used to set the scuppers (ref. Sheet 137). The material must reach 3,000 psi within 24 hours and 4,500 psi within 7 days. Traffic may ride over this area once the concrete strength reaches the 24-hour requirement.</p>