

**In The Matter Of:**  
*Delaware Department of Transportation*  
*Bid Proposal for Contract T201109001.01*

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*Pre-Bid Meeting*  
*May 16, 2019*

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STATE OF DELAWARE

DELAWARE DEPARTMENT OF TRANSPORTATION

IN RE: BID PROPOSAL :  
FOR CONTRACT T201109001.01 :  
FEDERAL AID PROJECT NO. :  
IM-N056(041) CFDA NO. 20.205 :  
SR 141 IMPROVEMENTS, I-95 :  
INTERCHANGE TO JAY DRIVE :

Pre-Bid Meeting taken pursuant  
to notice at the State of Delaware, Delaware  
Department of Transportation, 800 Bay Road,  
Bidder's Room, Dover, Delaware, beginning at  
10:00 a.m., on Thursday, May 16, 2019, before  
Gloria M. D'Amore, Registered Professional  
Reporter and Notary Public.

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1 APPEARANCES:

2 On behalf of the State of Delaware  
3 Delaware Department of Transportation:  
4 CONNIE IVINS, CONTRACTS COORDINATOR  
5 TOM BROOKS, PROJECT MANAGER  
6 NICHOLAS DEAN  
7 SCOTT WALLS

8 On behalf of JMT:  
9 CHARLIE GABEL, PE  
10 BRAD HERB

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1 MS. IVINS: Good morning,  
2 everyone. It's ten o'clock. We're going to  
3 get started with the Pre-Bid Meeting.

4 My name is Connie Ivins, and  
5 I'm a Contracts Coordinator here with DelDOT.

6 Today you're attending a  
7 Mandatory Pre-Bid Meeting for Contract No.  
8 T201109001.01, which is the SR 141  
9 Improvements, I-95 Interchange to Jay Drive.

10 This meeting has been requested  
11 by the Project Engineers in attendance.

12 I have a sign-in sheet going  
13 around the room. So I ask that you fill in  
14 all of the information. Please write as neat  
15 as you can since it will be posted on the  
16 website. We would appreciate it.

17 As I stated, this is a  
18 Mandatory Pre-Bid Meeting. So your company  
19 must be signed in in order to submit a bid.

20 We also have a court reporter  
21 here today to create a transcript of the  
22 meeting. I ask that if you have a question,  
23 please state your name, the company you  
24 represent before each question or statement.



1 I also ask that only one person  
2 speak at a time so that we can have a clear  
3 transcript.

4 A transcript of this meeting  
5 and the sign-in sheet will be posted on the  
6 website in approximately a week.

7 If you have any questions after  
8 the meeting adjourns, please E-mail them  
9 dot-ask@state.de.us. And be aware that you  
10 should get your questions in at least six  
11 days prior to the bid date to make sure you  
12 give us time to get a response out to you.  
13 We'll try after that, but you know it's kind  
14 of pushing it if you wait too long.

15 Before I turn the meeting over  
16 to the Project Manager, I would like to go  
17 over a few of the perspective bidder's notes.

18 Note No. 7 is the DBE Program  
19 Requirements. It requires submission of DBE  
20 participation information from the apparent  
21 low bidder no later than five calendar days  
22 after the bid opening. There is a 23 percent  
23 DBE Goal for this project.

24 As a reminder, if you cannot



1 meet the goal, you will need to submit good  
2 faith effort documentation with your bid.  
3 Guidance for good faith effort is identified  
4 in the bid proposal under critical DBE  
5 Requirements and Guidance for Good Faith  
6 Effort and in the DBE Program.

7 Note No. 10, the August 2016  
8 specifications apply to this contract.  
9 Please be aware of any revisions or  
10 corrections. And those documents can be  
11 found on the website as well.

12 Note No. 11, Break-out Sheets.  
13 There are seven Break-out Sheets in the  
14 proposal. They must be submitted with your  
15 bid or within seven calendar days following  
16 the bid due date by the lowest apparent low  
17 bidder. You must enter price for each item  
18 on the Break-out Sheet. Do not leave any  
19 items blank or put a zero in a dollar amount.

20 Note No. 12 is the proposed  
21 trainee plans. The number of trainees to be  
22 trained will be three as listed in the  
23 Training Special Provision within the  
24 contracts general notices. The programs must



1 be submitted online as soon as possible by  
2 the apparent low bidder. Award of the  
3 contract will not take place until acceptable  
4 on-the-job training program plans are  
5 received and approved by the Department's  
6 Civil Rights Section.

7 Note No. 13, Section 108.04.  
8 Contractors' resources progress schedules of  
9 the August 2016 specifications has been  
10 replaced for this project only. And it's  
11 contained in the Special Provisions.

12 Note No. 14 talks about  
13 contracts liquidated damages. There are  
14 several pages there. Make sure you read  
15 those.

16 In the back of the bid  
17 proposal, you will find the bid forms. Do  
18 not leave a bid amount blank. Do not enter a  
19 unit price of zero. If a bidder fails to  
20 enter a unit price or enters a price of zero,  
21 then that bid will be declared irregular and  
22 will be rejected. Please use the CD provided  
23 to you to enter your bid amount into the  
24 Expedite file.



1                   After you have entered your  
2     prices, you will need to save the file back  
3     to the CD and print the bid forms from  
4     Expedite. You need to submit both completed  
5     electronic Expedite file and the printout  
6     from Expedite.

7                   Remember all figures must be  
8     typed written. That's why it's important to  
9     use the EBS file and the CD.

10                  The next form would be the  
11     Affidavit of Employee Drug Testing Program.  
12     Make sure it is filled out properly, signed,  
13     notarized and submitted with your bid.

14                  The next form would be the  
15     Certification Statement. At the top of the  
16     page, it asked for the name of the  
17     undersigned bidder. That's your company  
18     name, your address and phone number. At the  
19     bottom of the page is where you will enter  
20     DBE Goal that we discussed earlier. Make  
21     sure you enter it.

22                  On the second page, you will  
23     need to acknowledge all addendums. You will  
24     also need to enter the date of final





1 questions and answers. Make sure it's filled  
2 out properly, signed, sealed and notarized  
3 and submitted with your bid.

4 The last page would be the Bid  
5 Bond. Your Bid Bond must be accompanied by  
6 your proposal. It has to be for at least  
7 equal to at least ten percent of your total  
8 bid price.

9 Does anyone have any questions  
10 so far?

11 If you have any business cards,  
12 you can give a copy to the court reporter.  
13 So I will turn it over to the PM.

14 MR. BROOKS: My name is Tom  
15 Brooks. I'm the Project Manager for this  
16 project with DelDOT.

17 Today we've brought our design  
18 consultant, JMT, and our Bridge Design  
19 Engineers to answer or provide some guidance  
20 on some items that are of importance to the  
21 project.

22 Basically, this first bullet,  
23 we do have some addendums coming forward.  
24 Like Connie said, the meeting minutes will be



1 an addendum. We've noticed in the bid  
2 package that we're going to have to replace  
3 four specials, and seven items are missing on  
4 the Table of Contents. So that will be  
5 corrected in this up-coming addendum.

6 So with the agenda, we'll have  
7 JMT go over the sequence of construction  
8 phasing. It's a little complicated. And our  
9 bridge staff will go over their ABC Design.

10 Brad or Charlie.

11 MR. GABEL: So we just wanted  
12 to briefly go over a very high-level view of  
13 the phasing. It could be a little  
14 challenging.

15 There are six phases in the  
16 contract.

17 Phases 1 through 3 mainly focus  
18 down on the SR 141 and Commons boulevard  
19 intersection.

20 And Phases 4 through 6 focus on  
21 the area of the SR 141 and I-95 Southbound  
22 Interchange. It's kind split by the Ramps  
23 GNF project that's currently under  
24 construction.



1                   So of importance, there is a  
2     disincentive of 845 days to complete Phases 4  
3     through 6. And that being said, what we  
4     really want to point out is the sequence of  
5     construction is little bit different. You  
6     would think it would start at one.

7                   But for this project, the first  
8     construction activity is Phase 5A. So that's  
9     where you would want to begin looking at  
10    where the work is going to begin.

11                  We do what would be posted as  
12    part of the addendum is a chart that lists  
13    where you can find all of the notes related  
14    to which activities can occur concurrently --  
15    when they can start. So that will be posted  
16    as part of the addendum as part of the bid  
17    proposal.

18                  So one other item we wanted to  
19    mention was Phase 4, Stage 2. We're closing  
20    Airport Road, the eastbound movement on the  
21    approach to SR 141 southbound.

22                  As we were going through the  
23    design, DelDOT was actively working on a  
24    project to fix the flooding that occurs in



1 front of the hotel. That fix has not worked.  
2 So there may be a need to maintain access  
3 along that eastbound movement on the approach  
4 to SR 141 southbound on Airport Road, which  
5 is a little different than we show in the  
6 plans based on that fix isn't correcting the  
7 flooding that occurs in front of the hotel.  
8 So they won't have access out.

9 The reason the contract starts  
10 with Phase 5A is DelDOT is actively working  
11 to acquire all of the parcels that are needed  
12 for Phase I activities. So Phase I will  
13 begin as those parcels are cleared after the  
14 utility relocations are completed mostly by  
15 others. And that is subject to the direction  
16 of the engineers. So we wanted to point that  
17 out.

18 Again, there are notes  
19 throughout the plans, the phase-in plans  
20 about when activity may occur, and when they  
21 will be occurring concurrently. And, again,  
22 we will post this list to help guide you to  
23 where those notes are as part of the  
24 addendum.



1                   And the last item we wanted to  
2 point out is, there is an expectation that  
3 multiple crews are going to be needed to work  
4 the job concurrently in multiple areas of the  
5 project. So we just wanted to point that out  
6 as well.

7                   Brad, do you have anything you  
8 wanted to add?

9                   MR. HERB: No.

10                  MR. DEAN: So with part of the  
11 bridge construction, we are accelerating --  
12 we're using some Accelerated Bridge  
13 Construction methods. And the reason for  
14 that is, we want to take the bridge  
15 structures off the critical path for the  
16 schedule. It's also part of an FHWA and  
17 DelDOT initiative. This is something we're  
18 committed to. So that's why we chose ABC.

19                  So the Accelerated Bridge  
20 Construction elements that you're going to  
21 see in the plans; precast pier columns,  
22 precast pier caps, prefabricated super  
23 structure modules.

24                  I just wanted to point out,



1 everything is in the plan and everything is  
2 in proposal package. The reason why we're  
3 having this is just to point out some of the  
4 stuff that may be different than what you  
5 guys are normally used to seeing. We just  
6 want to bring these things to your attention.

7 So aesthetic treatment.

8 Ideally, we want to match 1-675 and 1-678,  
9 the recent bridges that just went in. They  
10 have some foremark on the barrier. We,  
11 basically, want them to match with that.

12 We're going to be using module  
13 units. Scott is going to talk a little bit  
14 about that later on.

15 UHPC link slabs. Basically,  
16 we're trying to eliminate all of the joints  
17 on the bridge. The joints will be moved off  
18 the bridge to the approach slab and the  
19 sleeper slab.

20 And then the bearing  
21 configuration. So we have fixed bearings  
22 over pier 1. Expansion bearings with no  
23 joint across pier 2 and 3 and on both  
24 abutments. The abutments have a slab over



1 back wall detail. All of the movement and  
2 the expansion of the bridge is going to be  
3 accommodated off the bridge between the  
4 approach slab and the sleeper slab.

5 The one thing of note is the  
6 sole plate configurations. Because of the  
7 camber of the bridge and our anchor bolts  
8 that we will have in the precast pier, we had  
9 to use multiple sole plate configurations.  
10 We did this to kind of limit the number of  
11 bearing pads that we would have. So we have  
12 one bearing pad. But the sole plate  
13 configuration does need to be noted. You're  
14 going to need to take special note to make  
15 sure to put them in the right spot.

16 With the precast pier caps,  
17 this note is in the plans. We have anchor  
18 bolt block outs. We're not allowing drilling  
19 to be done in the precast pier caps. So  
20 you're going to need to make sure that these  
21 are precast into your cap.

22 The tolerance -- I mean, you're  
23 going to want to make sure that your  
24 fabricator pays close attention to this



1 because they can't miss the mark on these.

2 With the size of the pier caps  
3 and stuff, it's designated as a mass concrete  
4 pour. So you'll need a temperature control  
5 plan. That's all outlined on the project  
6 notes. But you can refer to the Special  
7 Provision 612500 for more information.

8 And then the precast pier  
9 column. Basically, there's going to be an  
10 addition in the addendum. I think that one  
11 was what didn't show up. So that will be  
12 added in the addendum. So just be looking  
13 for that.

14 This is just a quick detail of  
15 what the anchor bolt layout looks like.  
16 You'll see it in the plans. The circles, the  
17 shaded circles are just the location of each  
18 anchor bolt.

19 This is just a closure pour for  
20 the pier. Basically, what we were assuming  
21 was the footer is going to be cast in place.  
22 The rebar cage to connect the column and the  
23 footer will come out and then the cap will  
24 slide over top of it. We kind of assume that





1 you would need some kind of grout port there.  
2 So that will need to be accounted for in the  
3 precast work.

4 And then with the cap column  
5 connection, we assume you'll just drop the  
6 cage through the top of the cap and then do  
7 closure pours right through the top.

8 With the closure pour between  
9 phases, that's in the middle there, we're  
10 assuming mechanical couplers. And so,  
11 basically, you'll just thread that bar into  
12 your closure pour.

13 Am I missing anything here? So  
14 Scott will talk to you a little bit about the  
15 super structure module construction.

16 MR. WALLS: Just a few things  
17 here. It is a unique element for this  
18 project. It's the first time we've done it  
19 here in Delaware. But it has been done  
20 successfully in our local region.

21 Basically, the super structure  
22 module units are two steel beams set next to  
23 each other in the vertical position and a  
24 deck that's cast on top of them. It's done



1 offsite. The site is not provided in the  
2 plan. So it would be left up to the  
3 contractor to find a location if they want to  
4 do this.

5 And then these units will be  
6 delivered to the site, set in place and a  
7 closure pour longitudinal to connect the  
8 module unit.

9 We believe that these details  
10 have been used by local states, fabricators.  
11 And we know there are some fabricators in the  
12 area that have experience with this. So  
13 there should be elements that other people  
14 are used to and should lead to successful  
15 completion.

16 We know there are a lot of  
17 options for this to be done. We wanted to  
18 show you an example of one.

19 So on the next slide, we're  
20 going to show you a video. I just want you  
21 to keep in mind that the video was developed  
22 by Iowa Department of Transportation for a  
23 project they used there. So there are  
24 elements to this video that are not



1 incorporated in our project.

2 But this is just for visual  
3 purposes to kind of give you an idea of one  
4 of the ways that they can be constructed.

5 This particular piece brings up  
6 a good idea that our temporary structure is  
7 important here. And this Special Provision  
8 outlines the requirements of that. But just  
9 ensure that it can hold the loads of the  
10 temporary construction loads that you  
11 anticipate.

12 This particular job chose the  
13 layout of the modules next to each other and  
14 cast the deck in place with a similar -- cast  
15 in place and structure with the bid well.  
16 This could be an option, or it could not be,  
17 depending on how you could plan this project  
18 out.

19 You will see precast abutments  
20 and pier caps on this particular video again.  
21 Our abutments are cast in place for this  
22 project.

23 You guys will really like the  
24 demo here. Construction is pretty simple on



1 an animated video.

2 Pre-cast caps being installed.  
3 Closure pours. You'll look at how they bring  
4 some module units. Look at the closure  
5 pours. Keep in mind, this is a completely  
6 different closure on this particular project  
7 both at the abutments and both over the  
8 piers.

9 It will show some longitudinal  
10 joints. HPC -- which is probably very  
11 similar to how we anticipate this project to  
12 go. That's all.

13 Again, just an idealize  
14 version. This project lends itself to some  
15 innovation and some unique thought processes.  
16 So we just wanted to show you one idea.

17 That's all we have presented to  
18 day.

19 Do you have guys have any  
20 questions that we could answer now?

21 MR. KEOUGH: Matt Keough.  
22 K-E-O-U-G-H. JJID. This is going back to  
23 the beginning about the DBE Goal.

24 That 23 percent, where is that



1 number coming from? Why is it 23 percent?

2 MS. IVINS: Our DBE Office  
3 assigned that goal.

4 MR. MORLEE: My name is Lueve.  
5 Morlee L-U-E-V-E. Last name is Morlee.  
6 TransGen Energy.

7 So to the JJID guy, we're DBE.  
8 We provide fuel. So the goal is to kind of  
9 help you guys meet that goal. A lot of site  
10 work. A lot of fuel is going to be needed.

11 MR. BROOKS: Please make sure  
12 you sign in.

13 MS. IVINS: If you have not  
14 signed the sign-in sheet, you can't bid on  
15 the project. Make sure you sign in.

16 Any other questions?

17 MR. WYLIE: My name is Purcell  
18 Wylie, MBE Environmental Infrastructure  
19 Imagining.

20 My question is about the  
21 clearing the CCTV, locally, underground  
22 utilities.

23 As far as the clearing the  
24 CCTV, are you going to require that we be



1       there for the whole 800 and some days, or are  
2       we going to be able to come back and forth?

3                       MR. BROOKS:   That's a question  
4       we can answer in the addendum.

5                       MR. BRACKIN:   Dale Brackin.  
6       Godwin Pumps.

7                       I saw in there about some  
8       bypass pumping in this specs.

9                       Is there going to be flow data  
10      provided by the County or utilities for the  
11      sewer lines, force main and gravity main?

12                      MR. BROOKS:   It is something we  
13      can find.

14                      MR. BRACKIN:   Would it also be  
15      possible to get drawings where the associated  
16      sewers are and what's going to be effected?  
17      Other sewers in the area sometimes will  
18      bypass from one sewer system to another.   Is  
19      it possible to get that information?

20                      MR. BROOKS:   We can look into  
21      that.

22                      MR. DEAN:    Are there any other  
23      questions?

24                      MS. IVINS:    If there are no



1 other questions, we'll adjourn the meeting.

2 (The Pre-Bid Meeting was  
3 concluded at, approximately, 10:23 a.m.)  
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1 State of Delaware:

2 New Castle County:

3  
4 CERTIFICATE OF REPORTER

5  
6 I, Gloria M. D'Amore, Registered  
7 Professional Reporter and Notary Public, do  
8 hereby certify that the foregoing record,  
9 Pages 1 to 23 inclusive, is a true and  
10 accurate transcript of my stenographic notes  
11 taken on Thursday, May 16, 2019, in the  
12 above-captioned matter.

13 IN WITNESS WHEREOF, I have hereunto set  
14 my hand and seal this 20th day of May, 2019,  
15 at Wilmington, Delaware.

16  
17  
18   
19 \_\_\_\_\_

20 GLORIA M. D'AMORE, RPR

