



PRE-BID CONFERENCE MINUTES

CONTRACT: SD-2019-09

PROJECT: STORMWATER INFRASTRUCTURE REPAIRS

Date: March 29, 2019
Time: 1:00 PM
Location: City of Durham, Public Works Conference Room 3B, Third Floor

1. All attendees are asked to include their contact information on the conference attendee sheet. Minutes of the conference will be distributed to all attendees via e-mail and posted on the Project web page.
2. Contract information includes: Project Manual with appendices, construction drawings, and a blank Excel Unit Price Work form. Please see the Project web page (<http://durhamnc.gov/3833>) for all bidding information including future addenda and requests for information.
3. Please be mindful of the project number (**SD-2019-09**) as there are multiple projects titled 2019 Stormwater Infrastructure Repairs.
4. In order to receive e-mail notification of any addenda or clarifications, send an e-mail to Allison.Molleson@DurhamNC.gov notifying the City of your intent to bid on this project.
5. The project involves the furnishing of all materials, labor, equipment, tools, etc. unless otherwise specified, for removal and replacement, repair, rehabilitation, and/or improvement of stormwater drainage infrastructure systems at four (4) locations throughout the City of Durham.
6. Additional work of a similar nature and similar unit items (up to 50%) may be included in this Contract (see section C-700, paragraph 10.01.C of the Project Manual).
7. The City of Durham is the Engineer and Owner of the Project.
8. Sidney Anderson with the Department of Equal Opportunity and Equity Assurance (EO/EA), (919) 560-4180, ext. 17245, Sidney.Anderson@durhamnc.gov, will explain the Equal Business Opportunity Program requirements for bidding (see section 00 21 15, paragraph 1.13.A of the Project Manual).
 - a. Goals are 11% Minority and 7% Women
 - b. E101 and E104 (EE01 is acceptable) forms are required with bid. Forms are included in Appendix B.
9. All bidders are required to submit a record of their safety qualifications (see Appendix I of the Project Manual). Please complete the form in its entirety and provide additional information as directed on the form. Failure to provide all of the required information may result in a bid being deemed non-responsive.
10. Pay close attention to the Insurance Requirements (see section 00 52 15, paragraph 1.10.H of the Project Manual). Insurance costs are incidental to the work.
11. A blank Excel Unit Price Work form may be found on the Project web site for inclusion in Bids. It is the Bidder's responsibility to ensure all items in the Unit Price Work form are correct.
12. The City is securing rights-of-entry and permits to perform the work on private property. The rights-of-entry will be in place in time for the commencement of construction.
13. It is anticipated that a Notice to Proceed (NTP) will be issued in July of 2019. Contractor to mobilize within 10-calendar days from NTP.
 - a. Contract time is 270-calendar days from NTP.
14. Contractor shall use the City's contract managing program, PDRx, during the execution of the Contract. This software is web based and administered by the City.
15. Discussion of Construction Drawings and Unit Price Work items.

- a. No survey was performed for the projects. The Construction Drawings are based on the information from City's Geographic Information System Database, GoMaps 4.0 (http://maps2.roktech.net/durhamnc_gomaps4).
- b. Sheet No.1, Cover Sheet: None.
- c. Sheet No.2, General and Project Notes: New notes for "Stabilization Requirements" and "Native Grass Seeding and Mulching".
- d. Sheet No.3, Project Sites Map: Details for "Remove and Replacement of Existing Granite Curb", which is applicable for Park Avenue and Gilbert Street. Please note that the concrete gutter to replace existing brick gutter is included in cost of the granite curb reset. Remove and reset granite curb is called out on the drawings where necessary.
- e. Sheet No. 4 and 5, Faucette Avenue and Amberley Drive Pipe Replacement:
 - i. Line item 10, Drainage Ditch Excavation: See Berm "V" ditch detail on Sheet 4
 - ii. Line item 4, Pipe Removal: Intended for pipe removal when a new pipe is NOT placed back in the same trench (NCDOT section 340).
 - iii. Line item 35, Masonry Drainage Structures: A drainage structure (catch basin, manhole, etc) exceeding a height of 5.0 feet will be measured and paid in linear feet for the portion of the drainage structure exceeding a height of 5.0 feet (NCDOT section 840). Example, Faucette Avenue drainage manhole MH1 (10.2 ft deep) will be paid as one (1)/each of manhole (line item 27) and 5.2 LF of masonry drainage structure.
- f. Sheet No. 6 and 7, Park Avenue (1105) Pipe Rerouting:
 - i. Line item 56, 48-inch Fence reset: Fence should be located beside the pipe, not over top. A single gate will be installed where fence crosses over pipe (line item 58). Fences can be seen on the drawings in red.
- g. Sheet No. 8 and 9, Gilbert Street (1201) Stormwater Improvements:
 - i. Line item 36, Pipe Collar: To be installed where minimum clearance from water/sewer line cannot be met. Necessary for pipe P-6. See P-6 Pipe Collar Detail on sheet 9.
 - ii. Line item 44, Elliptical Pipe: Elliptical pipe is necessary to meet minimum water/sewer clearance, and meet the correct discharge elevation.
 - iii. Line item 48-50, Water Tight Joints: The entire system should be installed with water tight joints (example O-rings) and certified to 10 PSI.
 - iv. Line item 51, 6-inch Water Line (DIP): To repair the 6" water line adjacent to pipes P-5 and P-6 should the engineer or inspector find damage if uncovered.
- h. Sheet No. 10, Manford Drive Sites Map:
 - i. Line item 54, Mobilization (Manford Drive): This is one location. Only one mobilization will be paid. There are 4 separate projects with 3 homeowners paying 20% of the construction cost on their property.
 - ii. Some elevation surveying was completed, but no utilities or locations of structures were verified.
- i. Sheet No. 11: Manford Drive (3607) Driveway Pipe Replacement:
 - iii. Line item 11, Stream Channel Excavation: The channels do need some excavation. See Channel detail on this sheet. The side of the channel near the road can be left alone, but the channel bottom will need to match the elevation of the pipe invert and be 5' wide.
- j. Sheet No. 12: Manford Drive (3611) Driveway Pipe Replacement: None
- k. Sheet No. 13: Manford Drive (3615) Driveway Pipe Replacement: None
- l. Sheet No. 14: Manford Drive (3617) Driveway Pipe Replacement:
 - i. Line item 11, Stream Channel Excavation: Both banks of this channel should have a slope of 2H:1V. See Channel Detail this sheet.

16. Any errors or omissions discovered in the Project Manual or construction Drawings should be brought to the attention of the City in writing.
17. All questions or requests for information must be submitted by 8:00 AM, Monday, April 1, 2019. No addenda will be issued after 5:00 PM, Monday, April 1, 2019.
18. Compile Bid packages carefully. Include all of the required items. Submit bid packages prior to the Bid Opening on Wednesday, April 3, 2019, at 11:30 AM to be held in conference room 3A.
19. Attendee Questions/Discussions.
 - a. Q: Is flowable fill required in trenches? A: *No. We follow NCDOT standard for trenches in roadways. See Section 300 or detail 300.01.*
 - b. Q: Can you give more detail about the water tight joint certification? A: *The manufacturer should provide a certification for each joint for 10 PSI. We may request testing for this as part of the testing allowance.*
 - c. Q: The excel sheet and the project manual don't match with mobilization. Which is correct? A: *The addendum has updated the unit price sheet and the excel sheet. They now match.*

These minutes were prepared by Allison Molleson on April 2, 2019. Please provide comments and/or additions concerning these minutes by email to Allison.Molleson@DurhamNC.gov by the close of business April 2, 2019.