

HAVENCREST CT. CULVERT REPLACEMENT PROJECT NO. 2016-005 BID NO. 2380

ADDENDUM 2

October 9, 2018

1. The following items were discussed Pre-Bid Meeting:

•From the SPECIAL PROVISIONS:

- 1) Hours of work at between 7:00 am – 6:00 pm; Monday through Friday.
- 2) The *Report of Geotechnical Study (Revision 1)*, dated September 15, 2016 by Shield Engineering, Inc., is made available for the Contractor's use in Appendix A. It includes boring logs and locations. It should be noted that the data provided does not reflect the variations in subsurface conditions which could exist between boring locations and/or unexplored areas of the site.
- 3) Culvert headwalls and sills will be furnished with the culvert units as shown in the project plans. The Contractor shall include all the costs associated with culvert headwalls and sills cost in the culvert price.
- 4) The Contractor shall include the cost of any coordination and cooperation of utilities in his bid. No additional compensation shall be allowed for delays or inconvenience sustained by the Contractor due to utility relocation or adjustments. No additional payment will be made for re-mobilization required by the utility's failure to relocate a utility at the request of the Contractor. As a minimum:

- a. Charter – Michael Connell – 704-378-2624 - (Michael.Connell1@charter.com) – they will use temporary poles if cable gets cut or damaged.
 - b. Concord Electric – John Russell – 704-920-5309 – (russelj@concordnc.gov)
 - c. Windstream – Jim Foley - 704-722-2822 - (James.Foley@windstream.com)
 - d. PSNC Energy – Don Boyias - (dboyias@scana.com); Brian Slagle - (gslagle@scana.com)
- 5) The Contractor shall comply with the conditions established by the North Carolina Department of Environmental Quality in the 401 Water Quality Certification approval letter included in Appendix B. All costs generated by this requirement shall be included in the Contractor’s bid.
 - 6) This project does not require an Erosion Control permit under the “North Carolina Department of Environmental Health and Natural Resources Sediment Pollution Control Act”.
 - 7) The City holds a Construction/Maintenance Access Easement (DB. 9807, PG. 262) with Cannon School that can be used as an additional construction access by the Contractor. If he chooses to use this access, the Contractor shall comply with the conditions of the Easement Agreement. This includes the requirements in sections 2.c) *Maintenance of the Paved Access Area*, 2.g) *Restoration*, 2.i) *Timing of Work* and 4. *Insurance*. The Contractor shall also coordinate with the Cannon School for access hours. The improvements to the Unpaved Access Area in section 2.b) and the clearing of trees in section 2.j) are already done. There will be no additional payment for any costs associated with this access.
 - 8) The on-site #57 material available to the Contractor described in Bid Line Item #58 is located approximately 540 ft downstream of existing sewer MH #4, on the existing 30’ Utility Easement described in DB 11774, PG. 307. The Contractor should use a negative unit price in the bid form.

●OTHER NOTES:

- 9) Keeter property (1188 Fawn Ridge Rd.) being acquired.
- 10) Mr. Pensgen property (5901 Havencrest Ct.): the irrigation system will be cut and/or removed, the concrete driveway will be cut and removed, and the lawn will be open-cut during construction of the culvert and sanitary sewer main. In response to the construction impacts the contractor will; reinstall the effected portions of the irrigation system, reinstall a new

concrete driveway (excluding the sidewalk), and replace the lawn by utilizing topsoil, like seeding, and straw as part of the construction project. Topsoil, straw and seeding will also be provided in all disturbed lawn areas in the project.

- 11) This Bid will remain subject to acceptance for 90 days after the day designated for reception of Bids.
- 12) 210 days from the date of notice to proceed
- 13) Pedestrian safety rail on top of concrete headwall. Connections to be designed by culvert designer.
- 14) Concrete toewalls to be cast in place.
- 15) Block wingwalls to be ReadyRock, StoneStrong or equivalent.
- 16) Sewer to be relocated under proposed culvert.
- 17) Water line will be relocated under the proposed culvert. There is redundancy in the system.
- 18) Existing ditch reinstatement (included in Comp. Grading SP): The Contractor shall remove the rip rap on the existing ditch in conflict with the proposed work. The existing rip rap shall be reused when reinstating the ditch to its original configuration.

2. The following clarifications were requested:

- Rock Removal per SP-05 will be paid for in Line Item #7.
- For water and sanitary sewer construction, when local suitable material is not available to complete the backfill of the trench, the Contractor shall use borrow material in accordance with *SP-04, Borrow Excavation*, or select material in accordance with *SP-03 Select Material*, following the specifications in *SP-06 Earthwork, Excavation, Unsuitable Materials, And Backfill Materials*. *SP-04, SP-03 Select Material* will be paid in Line Item # 5; *Borrow Excavation* will be paid in Line Item #6.
- Culvert sills will be paid for in the culvert price.
- The proposed 48.65LF of 16" sanitary sewer DIP line in steel encasement shown under the proposed culvert in sheet 9 of the Plans shall be Restrained Pushed-on Joint Ductile Iron Pipe as required by the City of Concord Standard Detail *Installation of Carrier Pipe within Right-of-Ways* in sheet 15 of the Plans.

End of Addendum 2