

D3POC0015 - CONTRACTOR COMMENTS

1. How will the NCDOT address approvals for materials? This involves several discussions. There is no mobilization item to address the submittal review process, job set up, bond, and other costs typical for this work. **Please use bid items as provided.**
 - a. For flowable fill, item 9, and other concrete, stone, asphalt materials; will we need to get approved mixes for all plants in the Division III jurisdiction? The typical NCDOT project has approved submittals for these items on file before the project begins. Alternatively will you waive approvals for these items? **See NCDOT Specifications.**
 - b. Borrow pits and waste pits have a specific approval process for the standard NCDOT project. Will this project require borrow and waste pits? **Commercially permitted borrow and waste pits shall be utilized for this contract. It shall be the contractor's responsibility to identify such sites.**
 - c. The Division III area has several municipalities and each municipality has their own standard details and approved materials. For example corporation stop, fire hydrants, blow offs, valves, tapping sleeves, etc. **This work will be performed in Brunswick County and New Hanover County. See NCDOT Standard Specifications – Division 15 Utility Construction.**
 - d. Will this project require domestic materials? These are not typically stock items at the Waterworks supply house. **See Contract Special Provisions.**
 - e. Will the subcontractors we plan to use for specialty work require a submittal for approval? **See NCDOT Standard Specifications.**
2. There are items in the bid schedule that we do not find that are typical of a NCDOT project. Please address how these items are to be paid for.
 - a. Asphalt - **(Performed by others)**
 - b. ABC Stone - **(Performed by others)**
 - c. Select Fill - **(See Revised Bid Items)**
 - d. Bypass pumping for sewer - **(Incidental to Sewer Line items)**
 - e. Erosion Control (note the special conditions require a certified foreman on site) **(Incidental)**
 - f. Sedimentation Basins **(Performed by others)**
 - g. Silt Fence **(Performed by others)**
 - h. Seed and straw **(Performed by others)**
 - i. Temporary steel plates **(Incidental to the contractor's construction methods)**
 - j. Traffic Control Items **(Incidental)**
 - k. Shoring **(See Revised Bid Items)**
3. The scope of work for the water, sewer, and storm drain work has no information with respect to depth of excavation. Any work deeper than 5' requires shoring per OSHA requirements. Anything deeper than 20' requires a PE Stamped approved shoring system. The variation in price for the depth of excavation is extreme. The price to repair an 8" diameter water line at 4' depth on the back right-of-way of a rural road vs the 8" diameter 12' deep water line within the 1:1 active shoring zone of a major artery road is significant. This same issue applies to sewer and storm drain. **See revised bid items**

4. The depth of excavation also impacts the dewatering requirements. Division III has a high water table and dewatering is an important consideration in developing the cost for a project. There is a significant cost difference from a shallow excavation that only requires a 3" pump vs a well point system. The dewatered water must also be discharged properly and the location of the project changes the discharge requirement based on nearby wetlands, CAMA jurisdiction, etc. **See revised Bid items.**
5. The scope of work for the water, sewer, and storm drain work has no information with respect to the amount of traffic control that is required. The location of the work zone determines the type of traffic control required. In a similar example as above the traffic control for an 8" diameter water line on the back right-of-way of a rural road vs the traffic control for an 8" diameter 12' deep water line within the 1:1 active shoring zone of a major artery road is significant. This same issue applies to sewer and storm drain. **See revised Bid items**
6. There is no line item to address positive or active shoring. The shoring will require a specific submittal based on the location. There is no line item to pay for the engineering design, or the shoring system, or the traffic control required to install it. **See revised Bid items**
7. What happens if the project encounters contaminated soils? **This contract assumes no contaminated soil.**
8. Who is responsible to get permits. **NCDOT**
9. Who will approve the installation of repairs to the water/ sewer system of the municipality that it belongs to? **NCDOT & Municipality**
10. What testing requirements will be involved in installing the repair? Each municipality has different testing requirements. **Based on NCDOT Standard Specifications and/or Utility Owner Specifications**