



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

August 25, 2020

CONTRACT: DK00287
WBS ELEMENT: 15511.1097800
COUNTY: Wilkes
ROUTE: US 21
DESCRIPTION: Trenchless Installation of 195' x 54" Welded Steel Drainage Pipe (Bore and Jack)

TO: All Potential Bidders

Minutes of Pre-Bid Conference

A Virtual Pre-Bid conference was held for the above referenced project on Tuesday, August 25, 2020 at 10:00am. Due to COVID-19, an onsite visit was not performed. Representatives of NCDOT included Kenny Heavner and David Wayne. The list of other attendees is attached.

The following topics were discussed:

General Contract Notes

- Contract Bid Opening is Thursday, September 3, 2020 at 2:00pm
- Date of Availability is September 28, 2020.
- Completion date is December 31, 2020.
- Certified Flaggers Required.
- Federal Specifications are a part of this Contract and payrolls will be needed.
- NPDES Reports will be completed by the Contractor every Monday and/or within 24 hours after ½" rainfall events. Contractor shall provide storage box for NPDES forms. A rain gauge or MPE website shall be used for this project.
- Certified Welder shall be NCDOT certified.
- Night Work or Weekend Work shall be requested 48 hours prior to commencing work.

Project Specific Notes

- Surveying to be performed by NCDOT, however, it is highly recommended for the Contractor to verify all elevations, etc. associated with the Trenchless Excavation. Contractor, Subcontractor, and NCDOT Engineer will need to discuss a thorough plan of action to have the ability to monitor grades/alignment during construction operations. This plan can be discussed at Preconstruction Conference and is also needed on the first day of operations for the Trenchless Excavation.
- DW-1 NOTES: Section 200-6 paragraph 1 of the 2018 Standard Specifications referring to the disposition of timber is modified as follows: The property owner will have all rights to use or reserve for their use of any timber on the project. All timber cut during the clearing operations shall remain the property of the landowner and shall be removed from the project or shall be satisfactorily disposed of as provided in the next paragraph.
All Timber cut during the clearing operations shall be the property owners and shall be cut into marketable lengths and hauled to the nearest mill by the Contractor. Property owners name will be provided at Pre-Construction and his contacts will be given to coordinate this item. Careful attention needs to be taken when cutting trees to obtain the maximum value of board feet in each tree.
- DW-1 will be permanent, and the fill material shall be placed in uniform lifts to obtain the maximum compaction possible.

MAILING ADDRESS:
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UTILITIES UNIT
1555 MAIL SERVICE CENTER
RALEIGH NC 27699-1555

TELEPHONE: 919-707-6690
FAX: 919-250-4151
CUSTOMER SERVICE: 1-877-368-4968

WEBSITE: WWW.NCDOT.GOV

LOCATION:
CENTURY CENTER COMPLEX
ENTRANCE A-1
1000 BIRCH RIDGE DRIVE
RALEIGH NC 27610

- Seeding and Mulching is to be completed as soon as DW-1 is constructed. No work will be allowed until this item is addressed. This scheduling is critical to maintain Erosion Control on this project.
- Drive at approximate Survey Station L-19+35 Left Side (Nabors Property) not to be used for any purpose during this project. Includes all equipment including passenger cars and pickups.
- Drive at approximate Survey Station L-14+00 Right Side (Jackson Property) not to be used for any purpose during this project. Includes all equipment including passenger cars and pickups.
- Drive at approximate Survey Station L- 20+10 Right Side (Wood Property) not to be used for any purpose during this project. Includes all equipment including passenger cars and pickups.
- Guardrail break for DW-1 will remain until the AT-1 unit can be installed per Division. Place barrels along shoulder from approximate Survey Station L-17+50 Left Side to drive at approximate Survey Station -L-19+35 Left side.
- Removal of Headwall at approximate Survey Station L-16+03 to be part of Section 226 Comprehensive Grading of the Standard Specifications referred to in Section 200-3(B). This will be paid for as Lump Sum Grading.
- Dewatering Pipe to be used to direct water into inlet of existing pipe. Plan sheet 3 has a note referring to Standard Drawing 1645.01 as a Stream Crossing Detail. The purpose of this pipe is to allow for Contractor to store excess material from Bore punchout and New Headwall Excavation along and over stream channel for approximately 30 feet. The need for this item is to keep from having to stockpile material in the wetland or having to truck it out. Excess material may be utilized as backfill for the new Headwall as well material to shape and define the new channel with.
- Dewatering will also be needed by pumps at various times during the operation. Contractor is advised that all clean water shall be pumped around with one pump and all dirty water shall be pumped into the proposed special stilling basin.
- Proposed Special Stilling Basin (Silt Bag) is shown on the plans and the location can be field adjusted upon Contractor's request and approval of Engineer.
- Proposed Endwall on Inlet of New Pipe is using the Standard Drawing 838.39. Wings will likely be parallel with End wall and will field adjust. The footprint/dimension of the overall headwall will remain the same (length and width).
- DW2 is a drive that was located on the plans to give the property owner an idea of how we would access their property. NCDOT can stake but as long as we remain fairly close to this layout the property owner should be fine. The layout is also shown to depict how we need to stay out of the wetland area shown on plans. **This access is intended for the minimum trips for completion of this work.**
- No concrete trucks will be allowed down DW2. All concrete to be poured from US 21 with a lane closure or the use of gravel drive at approximate Survey Station -L- 14+80 Right Side. Bid appropriately. Property owner has agreed to let us use this drive for parking work pickups out to the point of TBM-Control Point roughly 130 foot off EP. Control Point has a short stake with blue ribbon on left side of drive.
- The area labeled as the staging area will have Erosion Control Measures that may need field adjusting. Please request approval from Engineer prior to adjusting. All excess material from the bore pit and new pipe excavation/bore is to be stockpiled between Survey Station 15+50 and 16+05 Left Side at the toe of existing road embankment within the staging area. **This material is to be stored and covered with plastic at the end of each day.** Weather to be a deciding factor when covering. Material is to be taken care of for two reasons: (1) for Erosion Control, (2) Material will be needed to restore the new stream channel, repair the road embankment slope, and to fill and tie in the channel that is eliminated. Most of the work will be between Survey Station L-14+90 and L-15+15 Left Side. All other material needed will be from the borrow source.
- Before covering the existing channel, please remove and stockpile any usable natural stream bed material. This will be used over the Class II Rip in the bore pit to help establish new stream bed.
- The extra 10 feet of pipe shown on the plans can be installed once boring is complete. This extra length is intended to provide access across the new pipe to restore road embankment and old stream channel. This should be considered part of the overall 195 feet and does not have to be welded on as a 10-foot piece as long as the boring rig, track etc. can be removed once installed.

- Randy Wood has cattle on the property of Susan Nichols. Temporary Farm Fence is included in the contract proposal. Randy's information can be provided at the preconstruction. Schedule and duration may dictate the need for this item.
- Safety Fence is added at three locations: (1) along wetland boundary on Right Side of project, around spring on left side of project, and (3) along property corner at Survey Station L-18+17.79 Left Side. (3) needs special attention in that we are not to disturb the property corner or have any on the Nabors property without appropriate approval.
- Waste and Borrow sites will have to have the appropriate approval according to the reclamation plan process.
- Nationwide Permit 3 and Water Quality General Certification No. 4132 are included in the Contract Proposal and were discussed during the Pre-Bid Conference.

Pre-Bid Attendees List
Contract DK00287
WBS Element No. 15511.1097800
Bid Opening September 3, 2020

Company

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Company

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