

GREENVILLE UTILITIES COMMISSION

QUESTIONS AND ANSWERS I FOR 23-15

RFB AYDEN-GRIFTON HIGH SCHOOL NATURAL GAS MAIN EXTENSION

APRIL 18, 2023

1. Please clarify the November 31, 2023 completion date. **The required completion date is November 31, 2023. The completion date is to accommodate customer demand.**
2. Can you provide prints with the ROW/limits of disturbance? **Greenville Utilities Commission staff will stake the pipe alignment to adhere to the North Carolina Department of Transportation Encroachment Agreement. The Contractor shall perform all work within the NCDOT right of way. Please reference the NCDOT Encroachment Agreement Exhibit W-2.**
3. The running line is close to multiple utility poles. Who will be responsible for pole support? **It is the Contractor's responsibility. Please refer to section 3.13.6.2 "Trenching" of the Technical Specifications.**
4. What kind of flexibility do we have to adjust the running line to avoid poles, storm drains and other utilities? **All work shall be installed within the North Carolina Department of Transportation right-of-way per plan. The terms and conditions of the North Carolina Department of Transportation Encroachment Agreement are provided in Exhibit W-2.**
5. We are concerned with the depth of the open cut section running through the farm field just north of the shed sales business @ West littlefield Rd & hwy 11. Please confirm 36" - 48" depth through the farm fields. **The 8" MDPE natural gas main shall be installed with a minimum cover depth of 36". Please refer to Section 3.13.5 "Required Cover" of the Technical Specifications and plan sheet D3 and detail 1 of the "IFB-Ayden-Grifton High School Natural Gas Main Extension Plans".**
6. Can you provide geotechnical reports/data for any of the HDD locations? **Please reference the Custom Soil Resource Report Exhibit W-1 for site soil conditions. No additional data is available.**
7. Our crews normally have small pumps for dewatering that we include in our pricing. Should we include an incidental rate for well pointing should it be necessary for tie-ins or other areas or should the cost of well pointing be included in one of the existing line items? **The cost of any and all equipment and labor required shall be included in the unit prices bid for the various pay items of the work.**
8. Should we include an incidental rate for rock hammering in the event we encounter rock on the open cut sections or tie-ins? **Rock is not anticipated. Please refer to Section 3.13.6 "Direct Burial" of the Technical Specification. Direct buried pipe in-place will be paid for at the unit price bid. The bid price shall include the cost of any and all incidental materials, equipment and labor required for pipe laying operations.**
9. How will payment for rock bore equipment be handled should rock be encountered during an HDD? Should we include a rock bore adder item? **Rock is not anticipated. Please refer to Section 3.13.7 "Directional Drilling" of the Technical Specifications. The cost of any and all equipment, incidental materials and labor required for directional drilling operations shall be included in the unit price bid.**
10. What is the Greenville Utilities Commission's view on changing open cut sections to HDD sections? In our professional experience, some of the proposed bore entry and exit locations are not achievable. The bore profiles will be too steep due to the depth requirements under

roadways & waterways. We would suggest extending the location of entry and exit pits (or even combining certain HDDs sections) to achieve the depths required & improve the bore profiles. If this is acceptable, where should we include the cost for HDD footage in areas depicted as open cut sections on the prints? **All bids shall be submitted based on specified bid quantities provided in SECTION E Article 5- BASIS OF BID of the Bid Form for Construction Contracts.**

11. Do HDD sections need to be pre-tested prior to pullback? If so, what are the required test durations? **Pre-Testing prior to pullback is not a contractual requirement. Please refer to Section 5.4 "Pressure and Leak Testing" of the Technical Specifications for contract requirements.**
12. Our employees currently hold PNG operator qualifications. Will PNG OQs be accepted in lieu of GUC OQ requirements? If not, can you provide a list of required tasks for this project? **Please refer to Section 1.4 "Operator Qualification (OQ) of the Technical Specifications. Minimum OQ requirements are attached for referencing.**
13. Are you able to provide more detail on the final tie-in? It looks like the prints show a stub with a valve a few feet upstream. Please confirm the location of the nearest upstream valve that will be used to isolate the tie-in point. Will any other gas segments be affected when we blow down our tie-in point and tie-in the new main? **No upstream valve is available to perform the 8" tie-in. No other gas segments will be affected when the blow down and tie-in is performed. The valve referenced at Pepsi Way is a 2" valve that isolates the 2" main running along Pepsi Way. The 2" valve ties into an 8"x2" tapping tee. South of the 8" x 2" tapping tee is a sufficient section of 8" PE pipe that will allow the contractor to squeeze off and complete the tie-in.**
14. I found conflicting information in the bid package for final tie-in/purging. Will GUC be operating the existing valve(s) to isolate the tie-in point? What tasks will be completed by GUC and what tasks will the contractor complete? **Please refer to section 5.6 "Tie-Ins to Existing System" of the Technical Specifications. The existing valve shown at the tie-in location on plan sheet C1 is a 2" valve that isolates the 2" main running along Pepsi Way. The referenced valve will not isolate the 8" main for the purpose of the tie-in.**
15. Do you have any erosion control plans to provide or estimated quantities for erosion & storm water controls required for the project? **The planned land disturbance for this project is under 1 Acre. Therefore, an erosion control plan is not required. Please refer to section 3.17 "Restoration of Pipeline Right-of-Way" of the Technical Specifications. The cost of any and all equipment, materials and labor shall be included in the cost per acre to perform the specified work.**
16. Does this condition apply while drilling operations are underway or can the location be verified after pullback? Will this be required for the deepest part of the profile or can the pipe location be verified at a location we deem convenient?

A minimum of one (1) bellhole per drilled section shall be excavated around the pipe to verify its location, depth and structural integrity. The sending and receiving pits for the directional drilling operation shall not be considered as part of the required number of inspection bellholes.

The bellhole excavation would be performed after pipe pullback is complete. Bellhole locations shall be identified by the ENGINEER if deemed necessary.