



Town of Ridgeland

August 9, 2019

PROJECT: Town of Ridgeland Sewer System Rehabilitation
TOR-2019-003

ADDENDUM: Two (2)

DUE DATE: August 15, 2019 at 2:00 PM

THIS ADDENDUM IS FOR THE PURPOSE OF MAKING THE FOLLOWING CHANGES OR CLARIFICATIONS:

1. Can you confirm that the work plan referenced on page 00300-7 can be submitted after project award? That it is NOT required at the time of bid.

It is confirmed that the Work Plan referenced on page 00300-7 can be submitted after project award. It is not required to be submitted at the time of bid.

2. Will the Owner allow alternate products to be used for manhole lining portion of the job, in lieu of SewperCoat?

The Owner will potentially allow alternate products for the manhole lining. However, we need to review product information including projects where it has been used, specifications, warranty, and references.

3. 401 Certification for Authorization to Impact Not More than 0.084 acres of wetlands in the US, Pursuant to Nationwide Permit 12 (Utility Line Activities), Applicant Permit ID No. SAC 2019-00490, is attached. Construction shall adhere to the requirements of the permit.
4. Request has been made for review of Invert-A-Pipe by IPR as an approved equal under the project requirements specified in Section 02970: Sanitary Sewer Cured-In-Place Pipe (CIPP).

Town of Ridgeland Sewer System Rehabilitation (TOR-2019-003)

Based on a review of the submitted materials, the Invert-A-Pipe by IPR product is designated an Approved Equal.

5. Will the Owner/Engineer please provide the budget for this project?

The project budget is \$700,000.

6. Will the Owner/Engineer please provide any previous itemized bid tabulations for projects of similar scope?

No itemized bid tabulations for projects of similar scope are available.

7. Will the Owner/Engineer please provide a copy of the current plan holders list?

A copy of the current plan holders list is attached. This includes companies that have contacted the Town of Ridgeland and that Four Waters Engineering has contacted.

8. Will the Owner/Engineer please provide the anticipated NTP date for this project?

An exact NTP is unknown. The bid documents must be reviewed and approved by the funding agency prior to approval of award. This review could take 45 - 60 days.

9. Will the Owner/Engineer please confirm if there are any prevailing wage requirements for this job?

Reference the Division 0 – Bidding and Contract Documents of the Project Manual, particularly Section 00502 Wage Determination – General Decision Number: SC190001 01/04/2019 SC1.

10. On page 20 it states: "Bidder shall submit a detailed Work Plan and schedule with the Bid. The Work Plan must include all anticipated project milestones, including dates of commencement, substantial completion, and final completion. Dates may be referenced (by days) from the Notice to Proceed. Final critical dates shall be determined during Contract negotiations between the selected CONTRACTOR and OWNER."

BUT it also states "Work Plan including proposed methods and schedule (can be submitted after project is awarded)"

Do we need to submit the work plan with the bid or wait until it is awarded?

It is confirmed that the Work Plan referenced on page 00300-7 can be submitted after project award. It is not required to be submitted at the time of bid.

11. I did not see about the number of proposals, but on the bid bond form it states to submit 2 originals and 1 copy. Does that mean we need to submit 2 originals of the whole bid

proposal and 1 copy of the bid proposal? Or is it only stating the 2 originals and 1 copy for the bid bond.

Submit one (1) complete original copy of the bid submittal package including bid bond documents. Additionally, submit one (1) original and one (1) copy of the bid bond documents.

12. Do we need to include all of these documents in our bid proposal that are listed on page 20?

4. The following sections shall be included with the Bid and all associated forms and certifications therein shall be completed:

00010 Notice to Bidders

00100 Instructions to Bidders

00300 Bid Proposal Form

00400 Bid Bond with Payment

00500 Contract

00502 Wage Determination – General Decision Number: SC190001 01/04/2019 SC1

00504 Federal Labor Standards Provisions

00506 CDBG Contract Special Provisions

00508 Debarment Certification

00509 W-9 Request for Taxpayer Identification Number and Certification

00510 Section 3 Information Sheet

00511 Section 3 Business Self-Certification

00512 Bidder's Proposed Section 3 Contract/Subcontracts

00514 Bidder's Section 3 Estimated New Hires

00520 South Carolina Illegal Immigration Reform Act Contractor Certification

00521 Mitigation Measures and Conditions

Yes, provide all of the specification sections noted on page 00300-7 with the bid submittal package.

13. Regarding Service Area A, Item No. 9 & 10 / Service Area B, Item No. 8

Could you estimate the number of service lateral reinstatements for each of these item numbers or possibly consider allowing a separate item number for service lateral reinstatement?

Estimates of the sewer service laterals are provided below:

-Service Area "A" 8-Inch Sewer Mains: approximately 10 service laterals

-Service Area "A" 10-Inch Sewer Mains: approximately 40 service laterals

-Service Area "B" 12-inch Sewer Mains: approximately 5 service laterals

14. Request has been made for review of High Performance Mix by The Strong Company as an approved equal under the project requirements specified in Section 02960: Sanitary Sewer Manhole Rehabilitation.

Based on a review of the submitted materials, the High Performance Mix product by The Strong Company is designated an Approved Equal. It is noted that a 10-year warranty must be provided as required per the noted specification section.

15. Request has been made for review of GeoKrete Geopolymer by Quadex LLC as an approved equal under the project requirements specified in Section 02960: Sanitary Sewer Manhole Rehabilitation.

Based on a review of the submitted materials, the GeoKrete Geopolymer product by Quadex LLC is designated an Approved Equal. It is noted that a 10-year warranty must be provided as required per the noted specification section.

16. Request has been made for review of Mainstay ML72 Sprayable Microsilica Cement Mortar, Mainstay ML-CA Pure Calcium Aluminate Cement Mortar, and Mainstay ML-PF Calcium Aluminate Cement Mortar With Pure Fused Calcium Aluminate Aggregates as approved equals under the project requirements specified in Section 02960: Sanitary Sewer Manhole Rehabilitation.

Based on a review of the submitted materials:

The ML72 Sprayable Microsilica Cement Mortar is Not designated an Approved Equal.

The ML-CA Pure Calcium Aluminate Cement Mortar is Not an Approved Equal at this time.

The ML-PF Calcium Aluminate Cement Mortar with Pure Fused Calcium Aluminate Aggregates is Not an Approved Equal at this time.

17. Will the owner provide access to water and cover all costs? If not what are the costs associated with water?

Water can be accessed from the Town’s water system and fire hydrants in the project area. Contractor shall request a construction water meter from the Town. Costs for water usage will be waived and will be covered by the Town.

18. Will the owner provide and cover costs for Debris disposal site from line cleaning?

No, the Contractor will be responsible for determining an appropriate disposal site and properly disposing of any materials from the line cleaning work.

19. Is steam curing of the CIPP allowed?

Per Specification Section 02970: Sanitary Sewer Cured-In-Place Pipe (CIPP), paragraph 3.2 Installation, H., "The resin-impregnated tube shall be inverted into sewer by controlled steam or water pressure."

Installation shall be in accordance with manufacturer's recommendations.

20. Is there CCTV footage available and will the owner provide it?

There is some minimal CCTV footage available for E. Adams Street where the cast iron sewer pipe is proposed to be removed and replaced. The CCTV footage will be provided to the awarded Contractor.

21. Does the owner have the flow data for the lines that are to be rehabbed and to be burst?

Based on previous flow monitoring, sewer flows are estimated at:

- ***Service Area A: ADF up to approximately 150 gpm; Peak up to approximately 560 gpm***
- ***Service Area B: ADF up to approximately 300 gpm; Peak up to approximately 700 gpm***

22. How many days does the contractor have to complete the work?

Per Specification Section 00300: Bid Proposal Form, paragraph 5 (page 00300-6), "BIDDER agrees that the Work will be substantially complete within 120 calendar days after the date when the Contract Time commences to run as provided in paragraph 2.03 of the General Conditions, and completed and ready for final payment in accordance with paragraph 14.07 of the General Conditions within 140 calendar days after the date when the Contract Time commences to run."

23. When will the owner give NTP?

An exact NTP is unknown. The bid documents must be reviewed and approved by the funding agency prior to approval of award. This review could take 45 - 60 days.

24. Will native soil be able to be used for backfilling?

Condition of the soils at the proposed location of excavation is unknown. Suitability of the soils shall be determined during construction. Contractor shall adhere to the requirements of Section 02640: Sewer System Construction.

25. Will owner provide detail for backfilling?

Bedding and backfilling details are provided on Drawing D-1 of the Project Construction Drawings. The requirements for bedding and backfilling are further provided in Section 02640: Sewer System Construction.

26. Section 00300 Bid Proposal Form:

Modify paragraph 2 as noted below:

2. BIDDER accepts all of the terms and conditions of the Advertisement or Invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for ninety sixty days after the day of Bid opening. BIDDER will sign and deliver the required number of counterparts of the Agreement with the Bonds and other documents required by the Bidding Requirements within fifteen days after the date of OWNER's Notice of Award.

27. Acknowledgement:

The Bidder shall include acknowledgement of the Addendum Two (2) in bid by including this form and also acknowledge Addendum Two (2) in Section 00300 Bid Proposal Form.

Signature: _____

Date: _____

Town of Ridgeland Sewer System Rehabilitation

TOR-2019-003

**401 Certification for Authorization to Impact Not More than 0.084
acres of wetlands in the US, Pursuant to Nationwide Permit 12 (Utility
Line Activities)**



August 1, 2019

Mr. Denis Averkin
Town of Ridgeland
P.O. Box 1119
Ridgeland, South Carolina 29936

Re: 401 Certification for Authorization to Impact Not More Than **0.084 acres** of wetlands in the US, Pursuant to **Nationwide Permit 12 (Utility Line Activities)**

Applicant Permit ID No.: SAC 2019-00490

Applicant: Town of Ridgeland

County: Jasper

Dear Mr. Averkin:

The US Army Corps of Engineers (Corps) issued a final notice in the Federal Register on January 6, 2017 reissuing the Corps' Nationwide Permits (NWP). NWP authorize activities that have minimal individual and cumulative adverse effects on the aquatic environment. On March 7, 2017, the South Carolina Department of Health and Environmental Control (Department) certified the NWP in accordance with Section 401 of the Clean Water Act and the S.C. Coastal Zone Management Act (48-39-10 et seq.).

The Department has reviewed the above-reference project in accordance with the March 7, 2017 certification and, provided the applicant adheres to the certification conditions outlined in the attached document, the Department has determined that there is a reasonable assurance that the work authorized will be conducted in a manner consistent with the certification requirements of Section 401 of the Clean Water Act. Please be advised that, since this project is located in the coastal zone, you should check with the Department's Office of Ocean and Coastal Resources Management (OCRM) to ensure that the project is consistent with the SC Coastal Zone Management Act. If any questions arise please contact me at (803) 898-4176.

Sincerely,

Tyler West
Water Quality Certification and Wetlands Section

cc: USACE Charleston Regulatory Office
OCRM

Nationwide Permit 401 Conditions
Certified March 7, 2017

NWP 12: Utility Line Activities

Conditions of the 401 Water Quality Certification:

1. If the utility line activity involves more than 10 aquatic site crossings (not including directionally bored crossings), the utility line activity will not be certified under this NWP and will require separate approval through SCDHEC's individual certification process.
2. This NWP is not certified for activities located in or adjacent to (as determined by SCDHEC) waters defined (as per Regulation 61-68) as Outstanding National Resource Waters (ONRW), Outstanding Resource Waters (ORW), or Trout Waters.
3. This NWP is not certified for activities that cause the loss of more than 300 linear feet of stream bed.

Nationwide Permit 401
Certified March 7, 2017

EXPLANATION, EVALUATION AND PROPOSED ACTION ON THE NATIONWIDE
PERMITS

General Conditions: This condition applies to all Nationwide Permits (NWP).

1. Activities in the Critical Areas (as defined in 48-39-10, R 30.1(D) and R 30.10) require a direct permit from SCDHEC OCRM. SCDHEC OCRM's action on direct critical area permits will serve as the consistency determination for the critical area activity.

Town of Ridgeland Sewer System Rehabilitation

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Plan Holders List

