



4016 Salt Pointe Parkway
Charleston, SC 29405-8419
Phone: (843) 767-5260
Fax: (843) 767-4723

Sent via e-mail
May 25, 2018

RE: **Historic District Water System Improvements**
City of Georgetown
Project #1510
SRF # 221001-03
Georgetown, South Carolina
AECOM Project No. 60554981

ADDENDUM NO. 2 – May 25, 2018

TO: ALL HOLDERS OF RECORD OF CONTRACT DOCUMENTS

Acknowledge receipt of this addendum by inserting its number and date in the Bid Form. Failure to do so may subject bidder to disqualification. This addendum forms a part of the Contract Documents. It modifies them as follows:

PLANS

1. Sheet G1: In General Notes, add **“37. The Contractor is required to have an Arborist on an as needed basis to assess any questionable situations when excavating in or around tree roots. In the event the Contractor questions excavating around tree roots within the project area, they should consult with their Arborist and the City. The City will ultimately direct the Contractor whether or not to excavate the area and assume the liability associated with the excavation if performed in an acceptable manner and tree roots are properly pruned. The City will not assume any liability related to damaged trees from careless equipment operation around the trees.”**
2. Sheets C2 – C11: Delete “Resurfacing.” Replace with **“Mill and Overlay.”**
3. Sheet C12: Delete in its entirety. Replace with attached Sheet C12.
4. Sheet C14: Delete in its entirety. Replace with attached Sheet C14.

SPECIFICATIONS

1. Section 00311 – Bid Form - Unit Price:
 - a. Delete in its entirety. Replace with attached Section 00311 - Bid Form-Unit Price.
2. Section 01270 – Measurement and Payment:
 - a. Part 1.2: Add **“B. Tree Protection Barricade: Tree protection barricade will be paid for at the unit price per linear feet (LF) as stated in the Bid Form. Payment**

will include all cost of materials, installation, maintenance, replacement (as necessary), and removal throughout the duration of the project.”

- b. Part 1.2: Add **”C. Root Pruning: Root pruning will be paid for at the unit price per linear feet (LF) as stated in the Bid Form. Payment will include all labor of a certified Arborist, cost of materials, equipment, removal and hauling out of roots, etc.”**
 - c. Part 1.2: Add **”D. Air spading will be paid for at the unit price per linear feet (LF) as stated in the Bid Form. Payment shall include all labor of a Certified Arborist, cost of materials, equipment, etc.”**
3. Section 02221 – Trenching, Backfilling for Utilities:
- a. Delete Part 3.4 in its entirety.
 - b. Delete Part 3.5 in its entirety.
4. Section 02616 – Removing and Replacing Pavements:
- a. Part F. Resurfacing: Delete in its entirety. Replace with the following:
 - F. Asphalt Mill and Overlay:**
 - 1. **The unit price for asphalt mill and overlay shall include all labor, milling, clean-up, materials, thermoplastic markings, striping, raised pavement markers, adjust valve boxes & manhole frames/covers, etc. for complete installation.**
 - 2. **Payment will be made at the unit price per square yard (SY) as stated in the Bid Form.**
5. Section 02660 – Water Distribution System:
- a. Part 3.13.K: Remove “valves and”. Add **“close existing valves”** after “flowable fill”.
 - b. Part 3.13.L: Remove “valves and”. Add **“close existing valves”** after “flowable fill”.

GENERAL

- 1. See attached Pre-bid Conference Meeting Minutes and Sign in sheet.
- 2. Responses to questions received during the bid period:
 - A. Can the City provide the sewer as-builts in the construction area? **Response: If available, yes.**
 - B. Please provide a description of air spading. **Response: Air spading is a safe and effective way to break up compacted soil by utilizing compressed air. The use of air excavation is to safely aerate the soil and uncover tree roots. This is performed by an arborist.**
 - C. Will the City require water tight lids to be installed on manholes? **Response: Water tight lids are not required for this project.**

- D. The spec book states to remove gate valves. The plans state to only close the gate valves. Which will be required? **Response: All valves (to be abandoned) will be turned in closed position.**
- E. What is the requirement for asphalt to match the curb and gutter? **Response: Per SCDOT, asphalt milling and overlay will match the existing road and curb elevations. The extent of milling and overlay will be from curb to curb.**
- F. Who will be responsible to raise the manhole and valve covers with overlay? If the contractor is, what pay item should it be included in? **Response: The contractor will be responsible to raise the manhole and valve covers. It will be included in the cost of milling and overlay.**
- G. How should the contractor overlay the road with current tree roots protruding to the surface of the street? **Response: The intent is to mill and overlay the roadway to match existing road and curb elevations. The City and Engineer will coordinate with SCDOT where current tree roots are protruding.**
- H. Will the City allow SABC as backfill? Or will flowable fill be required? **Response: Flowable fill is not required. The City will allow 6" of SABC per detail but not for the full depth of trench. Refer to plans and specifications.**
- I. Will a staging area be provided by the City? **Response: Staging area is the responsibility of the contractor. However, the City will work with the contractor on the location.**
- J. Will the contractor be allowed to close the street off to parking while construction is taking place? **Response: Prior to any road closure, SCDOT needs to be notified and traffic control plans must be submitted for approval.**
- K. Is there a maximum percentage of sub-contractors allowed? **Response: No.**
- L. What are the minority percentages? **Response: According to the Advertisement for Bids, MBE is 3.6% and WBE is 2.4%.**
- M. Will the contractor be allowed to install obstruction bypasses at existing sewer services? Or will additional depth be required? **Response: No. Additional depth will be required and field adjusted on a case-by-case basis.**
- N. At what intervals will the compaction testing be required? **Response: One (1) per 500 feet should suffice for compaction testing.**
- O. As discussed at mandatory pre-bid meeting, the City stated that they would support all power poles and/or relocate guys as required for performance of the work for this project. Please confirm. **Response: Yes.**
- P. As discussed at the mandatory pre-bid, the City will work with the General Contractor to avoid conflicts with existing utilities. In the event that an existing conflicting utility will required additional work, beyond the original scope indicated

in the Bid Documents, the City would pay for additional work items such as Obstruction Bypass, additional fittings, restraints, etc. Please confirm. **Response: The Engineer will review any required additional work. Where line items are noted on the Bid Form, this should be used.**

- Q. Note 23 on Drawing G1 indicated “As Built Drawings to be signed and sealed by a SC licensed Surveyor.” Please confirm if this note applies only to the main line or if it applies to the mainline and services. **Response: All new water line, gate valves, service lines, and hydrants will need to be surveyed.**
- R. Reference is made to Note #30, “All valve boxes,... at no additional cost to the Owner.” It is our understanding that the General Contractor will be responsible for supplying and installing extensions at valve boxes and manholes. In the event that the Owner chooses to have the General Contractor for this project do the resurfacing. It is our understanding that, in the event that SCDOT resurfaces the roads indicated in this project, it will be the responsibility of the SCDOT Paving Contractor to raise all aforementioned items. Please confirm. **Response: In the event SCDOT resurfaces the roads, SCDOT will be responsible for supplying and installing extension for valve boxes and manholes.**
- S. Milestone Event Schedules as outlined on Supplementary Conditions page 800-1 indicates the following:
- Approval on contract by City Council (tentative) – June 21, 2018
 - Notice to Proceed (tentative) – July 10, 2018

Assuming the above “tentative” dates are met, we assume that a Notice of Award/Contract Award will be in a timely manner after June 21, 2018, City Council review in order to allow submittals, submittal approval, mobilization, pre-planning, etc. in order to start work at the site (NTP date) on July 10, 2018. Please confirm.

Response: The City will execute the Notice of Award/Contract Award in a timely manner.

Several conversations at the mandatory pre-bid meeting concerned the information as outlines in Note 2 Construction Priority Schedule on Drawing G1 “The required completion date of October 31, 2018, for streets subject to SCDOT paving restoration. Late work is subject to liquidated damages; etc. Please confirm.

Response: It is the intent for work designated in streets included in the SCDOT paving schedule to be completed prior to the SCDOT paving contractor completing his work by October 31, 2018.

- T. As discussed at mandatory pre-bid meeting, it became obvious that the location of the Earth Link fiber optic line along Church Street would more than likely preclude placement of new waterline as indicated on the drawings. The City/Engineer indicated that this would be reviewed. Please advise updated status such as relocating main water line into roadway, etc. **Response: Contractor to install per design along Church Street. Contractor to locate all existing utility lines per the plans.**

- U. Assuming that, for whatever reason, the Owner decides to place the new waterline at current designed location under sidewalk, all sidewalks will need to be removed and replaced. Existing sidewalk has been disrupted by tree roots, sinking, etc. Due to the proximity of the existing sidewalk to existing tree roots at possible “no prune” area, please advise how the existing sidewalk will be replaced, i.e., fill material, raise elevation, etc. Also, please advise if we are to match the existing wide of sidewalk since it appears to NOT be ADA/SCDOT compliant. **Response: Replace sidewalk to match existing grade and width. Where existing sidewalk to existing tree roots, the new sidewalk will be field adjusted. Contractor to work with arborist.**
- V. Please note that it appears that on the Bid Form, page 4 – Highmarket Street Sheet C5, Bid Items 19 – 22 are duplicated by Bid Items 23 – 26. Please confirm / modify Bid Form. **Response: The bid items from 23 – 26 will be removed.**
- W. Above referenced project Bid Item indicates “LF” at asphalt resurfacing. Assume this should be “SY”. Please confirm. **Response: The unit of measure should be per square yard “SY.”**
- X. It appears that the silt fence should be “LF” vs. “EA” as currently indicated on the Bid Form. Please confirm. **Response: The unit of measure should be per linear feet “LF.”**
- Y. As discussed at the mandatory pre-bid, the Owner/Engineer indicated that flow fill would be acceptable. Current drawings do not include a detail for flow fill, patching, etc. Please provide. **Response: Flowable fill is not required by SCDOT but it is not prohibited.**
- Z. At number of location, the drawings indicate placing several joint restraints at existing pipe at tie-in with new waterline. If available, please provide what type of existing line where the new bell restraints will be required. **Response: The City will work with the Contractor on obtaining information during the pre-construction meeting.**
- AA. Details on Drawings indicate that waterline cover will be 3’ minimum. SCDOT specifications at SCDOT Permit “Buried Utility Special Provisions”, Construction Note #2, indicates “all utilities will be placed a minimum of 48” deep under roadway, 42” deep between edge of pavement and ditch line,...etc.” Please clarify the absolute minimum depth that will be required. In other words, either SCDOT detail will prevail or details on drawings will prevail. **Response: Contractor to follow SCDOT’s Special Provisions in the permit.**
- BB. Do we need stone bedding under new water mains? **Response: Stone bedding is not required. However, if unsuitable soils are encountered, provide and support water main with #57 stone bedding.**
- CC. Are thrust blocks required? **Response: No. However, there may be some instances that thrust blocks are feasible than restraint joints.**

END OF ADDENDUM NO. 2