



Georgetown County, South Carolina

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ADDENDUM #1 TO BID #20-001

BID NUMBER: 20-001

ISSUE DATE: Friday, July 17, 2020

OPENING DATE: Thursday, August 20, 2020

OPENING TIME: 3:00 PM (ET)

Bid Opening Location: Virtual Meeting

Voluntary Pre-Bid Meeting: -CLOSED-Tuesday, July 14, 2020 @ 10:00 AM ET

Pre-Bid Site Inspection: Independent-On Own

PROCUREMENT FOR: Brick Chimney Road Improvement Project

This addendum will amend **Bid #20-001, Brick Chimney Road Improvement Project** originally issued on Wednesday, July 1, 2020. This clarification is being provided to all known and registered correspondents in response to questions received. All addenda and original bid documents are also available online at: www.gtcounty.org, select Quick Links, “Bid Opportunities” and “View Current Bid Solicitations.”

A Voluntary Pre-Bid Meeting for Bid #20-001, Brick Chimney Road Improvement Project took place on Tuesday, July 14, 2020 virtually. A copy of all who attended the pre-bid meeting and a copy of the pre-bid meeting agenda is attached. Please note, after careful review and consideration of questions had, official responses may differ from initial conversations had at the pre-bid meeting. Only those responses listed below or by additional addendum shall be construed as the County’s official responses.

Items that were discussed were:

Nancy Silver, Georgetown County-Introduction of parties, bid timeline confirming deadline for questions and bid opening date, mandatory bid forms, optional forms, bonds, summary scope of work.

Art Baker, Georgetown County-Roadway plans, Bridge plans, Utility relocation plans define scope. Allow GCWSD, SCDOT, and International Paper representatives to go over their portions of the project. Questions are to be submitted in writing to the Purchasing Officer. Permits are attached under the bid file.

Lindsey Keziah, Davis & Floyd, Inc.-Permit approvals from Army Corp of Engineers for Wetland Impacts, SCDOT for encroachment onto Brick Chimney & Browns Ferry, Georgetown County Stormwater permit, SCDHEC CZC & NOI permits are attached under the bid.

Art Baker, Georgetown County-SCDOT were not present so this will be addressed at pre-construction meeting with awarded vendor. GCWSD Relocations at intersection of Johnson Rd. and Highway 51 which is Browns Ferry Rd.

Amanda Kirchmeyer, GCWSD-Review of scope of GCWSD relocations to include but not limited to water lines on Brick Chimney & Johnson Rd., 6" & a short 8" waterline that will need to be relocated, along with a fireline and fire hydrant at the corner of the road. We will need operational approval on new lines before switching over any services for that. There is gravity sewer in that area but it should not be in conflict. Somethings to watch out for are services and main lines in that area, but none of which should need to be relocated for this project. Browns Ferry Rd. & Brick Chimney we have a 4" AC as well as a 12" PVC line, we will only be relocating the 12" PVC line, abandoning 4" and old 12" line. At the opposite side of the road, the Northern section we have an 8" force main that will need to be relocated. There is not to our knowledge any services that will need to be re-established there but we will need operational approval before those flows are switched over to the new lines. First few pages of drawings will be showing line relocations over existing road, and the rest of the pages show over the proposed roads.

Joe Martin, International Paper (IP)-Main concern is water quality, water flow, drainage, and logistical items but they should be covered in the specifications and. Contractor must make sure to maintain security to International Paper's canal road so that the general public does not have access to that road.

Mike Simpson, Davis & Floyd, Inc.

Geotechnical report has been attached. There is nothing out of the ordinary in the report, but the Contractor needs to be aware of the requirements and site conditions that are outlined in the report.

Roadway Scope of Services -To expand on the scope of services outlined earlier, there is a Double 18" RCP crossing near the beginning of project, a triple 36" crossing just before IP canal bridge, and quadruple elliptical 34 x 53" RCP crossing at roughly station 140+00. These are some drainage crossings that contractors need to be aware of, but since the road will be closed, these are not problematic as they would be if the road was open to traffic. There is also landscaping is part of this project with. There are some trees and some low growth items in the medians. The

medians will also have stamped concrete that the Contractor will need to submit a pattern for approval.

Bridge Scope of Services – The Bridge Engineer of Record is not on the call. The bridge over the IP Canal is a 55 ft. long bridge on a skew so that must be taken into consideration. There are 15 each 18” pipe piles on the bridge, 12 of these pile are for the 2 end bents and 3 of them are for the wingwalls. Three of the wingwalls are pile supported. This bridge is an AASHTO girder bridge and not a flat slab bridge.

Technical Specs Highlighted-Most specs are SCDOT standard specs, but there are some that we want to highlight. The as-builts will need to be submitted to the County in an AutoCAD (.dwg) format. At the IP canal, there is a spec concerning the four pipe and bollard double gates. The water flow of the IP Canal cannot be impacted and the general public shall never have access to the IP canal. There must always be gates in place to restrict access. Haul routes need to be submitted for approval to County before they are used. The unit cost for muck excavation shall include borrow/backfill per SCDOT requirements. There will not be an additional payment for the borrow material utilized in the mucked area. Brick Chimney will be closed for the project, but access to IP canal shall be maintained at all times. Please review closure details in specs. The Stop control at Brick Chimney and Johnson Rd will be removed and there is a detailed spec on how to do this. Please review the spec. The concrete medians shall have 2’ slope front curbs. The specs call for vertical face curb and this will be modified per this addendum. The median itself will be a stamped concrete. The landscaping plans detail this. Everyone needs to review all technical specs.

Bid Schedule – There are four sections on the bid schedule. The four sections are Roadway Quantities, Bridge Quantities, Landscape Quantities, and GCWSD Utility Relocation Quantities. Each section has a subtotal and there is a grand total for the overall bid. The grand total will be considered for award purposes and not the individual sections.

William Dotterer, David & Floyd, Inc.-Inspections-Bridge inspection 100% inspection. Roadway testing & inspection-Part time with Davis & Floyd, Inc. & Jacob Nesmith of Georgetown County. Inspectors will be assigned closer to award.

Art Baker-County will provide an independent 3rd party inspector for geotech to include bridge and roadway.

Question 1: Is this a lump sum or unit cost bid? Do we bid your estimated quantities and your items or our own estimates? What if we find items that are not listed on there, will those be handled later?

Response: This is a unit price bid with the exception of the GCWSD work. The GCWSD work is made up of seven lump sum items. The bidder shall bid the

estimated quantities and items as listed in the bid tab. However, if bidder sees a discrepancy between the estimated quantities or items in the Unit Price Schedule and what they are seeing from their site inspection, plan review, or other means, the bidder shall bring this discrepancy to the attention of the County by a written question emailed to nsilver@gtcounty.org or purch@gtcounty.org by the deadline for questions so this may be included in a future addendum.

After the award, a change order may be issued for changes in contract quantities, additional work requested by the Owner, or other scope changes deemed appropriate by the Owner. All Change Orders are subject to the approval of the County Administrator or County Council and the availability of funding.

Question 2: As far as traffic control, since the road is going to be closed are we to provide detour signing or is that not going to be required?

Response: A detour plan will be required and shall be submitted for approval before implementation.

Question 3: Do you have a detour signage plan provided?

Response: See response to Question 2.

Question 4: Do you have a DBE goal?

Response: No.

Question 5: I didn't see a detail for the abandonment procedure for utility lines, was that covered in the specs?

Response: Abandonment-in-place of existing GCWSD waterlines and forcemains shall be by flowable fill with all ends capped.

Question 6: Regarding bore and jack locations paralleling Hwy. 51, could those be direct buried instead?

Response: Yes, it could be direct buried versus bore and jack but a casing will be required for direct buried.

Question 7: On sheet 5, there is a detail on the crossline pipe installation. What do you mean by pipe bedding #57 stone, 24” minimum thickness, beginning 12” below pipe? I don’t quite understand that, beginning 12” below pipe.

Response: This will be answered in a future addendum.

Question 8: Where is that pipe bedding paid for?

Response: See response to Question 7.

Question 9: Also, on that detail it says do not use sand fill within 2 vertical ft. of the water level at the time of construction? How will that be paid for? The water table probably fluctuates.

Response: This will be answered in a future addendum.

Question 10: Is there a spec with details showing what exactly is going to be required in the as-builts?

Response: There is an as-built spec included. This is the typical SCDOT as-built spec with the addition of an AutoCAD (.dwg) file requirement

Question 11: Are there any markings out there for the clearing limits?

Response: The right of way has been staked every 50 ft. with T-posts installed and flagged. Right of way has been surveyed and marked. In addition, property pins have been set for the property corners. The clearing limits shall be the responsibility of the Contractor

Question 12: Is the Contractor responsible for any other testing since the County and Davis & Floyd seem to be taking care of all of that?

Response: The SCDOT QC/QA testing procedures will be followed. The majority of the testing on the project shall be the responsibility of the owner (Davis & Floyd and/or the County). Per the SCDOT procedures, testing requirements associated with asphalt pavement are the responsibility of the Contractor. The Owner (Davis & Floyd and/or the County) will be handling the PDA’s on the pilings.

Question 13: Can we get the Unit Price Schedule in Excel format to make it easier to fill out?

Response: Yes, I have attached an excel spreadsheet version of the Unit Price Schedule as a separate file along with this Addendum.

Question 14: Sheet number 19 of the bridge plans titled "SUPERSTRUCTURE SECTION & DETAILS" shows a utility pipe with support system. The accompanying note 1 states pipe and support system by others, yet note 2 specifies a threaded insert with details to be shown on a shop drawing. Can you please clarify what is and what is not to be provided and installed by the Contractor?

Response: Yes, the only thing to be provided and installed by the contractor will be the threaded insert. All other items will be provided by the utility company.

Question 15: What size dewatering bags will be required??

Response: It will be the responsibility of the Contractor to provide an adequately sized dewatering bag to fulfill the requirements.

Question 16: How is "Bridge Construction Access" to be handled? Can the contractor utilize the IP Canal road to access the bridge site?

Response: The Contractor will not be allowed to utilize the existing IP Canal road.

Question 17: Can a pay item for "Bridge Construction Access" be added?

Response: There will not be a separate payment for Bridge Construction Access. All cost shall be included in existing items.

Question 18: Where is Item # 2052000 "No. 57 Stone for Backfill" to be utilized?

Response: See the response to Question 8.

Question 19: The quantities for MUCK EXCAVATION and GEOTEXTILE FOR SEPARATION OF SUBGRADE & SUBBASE/BASE CR are the same. Can you verify the quantity of both? What parameters or assumptions were used to calculate these quantities?

Response: Quantities have been verified and are correct.

Question 20: The specifications state the County MAY direct the contractor to haul the muck to the Landfill. If the contractor intends to haul and dispose of the muck in a location that is more cost efficient than the Landfill, will the County pay the extra expense to haul the muck to the Landfill?

Response: There will be no additional compensation for hauling to the Landfill if directed by the Owner.

Question 21: If the Contractor is directed to haul muck to the landfill, will tipping fees be waived or paid by the County?

Response: Yes.

Question 22: Will the new bridge construction block access to the IP Canal for International Paper's contractors and employees?

Response: Access to the IP Canal for IP contractors and employees must be maintained at all times. This includes access through the project site . Access to all canal roads within the project limits shall be maintained via the existing Brick Chimney Road until the permanent improvements have been completed.

CHANGE:

(51) SECTION 720: CONCRETE MEDIAN/ISLANDS

Remove and replace with the following

“Concrete Medians/Islands shall be installed per SCDOT Standard Drawing 720-105-03 and other pertinent standard drawings with the following exception. Standard 9” X 15” Curb will not be utilized. 2’ sloping face curb per SCDOT Standard Drawing 720-105-01 detail 2 will be utilized.”

[THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK]

Pre-Bid Meeting-Bid #20-001, Brick Chimney Road Improvement

Meeting Date

Tuesday, July 14, 2020 @ 10:00 AM ET

Attendee Listing

Nancy Silver, Georgetown County Purchasing
Art Baker, Georgetown County
James Coley, Georgetown County
Jacob Nesmith, Georgetown County
Stephen Williams, Georgetown County
Lindsey E. Keziah, PE, Davis & Floyd, Inc.
D. Brice Urquhart, PE, Davis & Floyd, Inc.
William Dotterer, Davis & Floyd, Inc.
J. Mike Simpson Jr., PE, Davis & Floyd, Inc.
Joseph Martin, International Paper
Amanda Kirchmeyer - GCWSD
Ernie Funderburk - GCWSD
Brian Booth
Heath Guyton - Coastal Asphalt
Jeff Bailey, Landmark Construction
Joey Rooks, A.O. Hardee & Son, Inc.
John Waters
Kelly Cooper, CR Jackson
Lindsey Eddins
Lloyd Richardson
Lou Almonte, Palmetto Corp of Conway
Michele Price Dukes
Robert Williamson, Gulfstream Construction
Ron Miller, Ben Cox Company, LLC
Steve Williams
Taylor Johnson, Soil Consultants, Inc.
james chapman, Green Wave Contracting, Inc.
18035137225
18037834920, Republic Contracting Corporation
18432002775
18432217838
18433697283, Southern Asphalt
18433853347, C.L. Benton & Sons, Inc.
18436217750
18436702643
18436977406
18437234539, Soil Consultants, Inc.



Date: Tuesday, July 14, 2020

Time: 10:00 AM ET

To: All Attending

From: Nancy Silver, Georgetown County

Re: **Pre-Bid Conference & Site Inspection-AGENDA**
Bid #20-001, Brick Chimney Road Improvement Project

- 1) Introduction of Parties
 - a. County Representatives
 - i. Nancy Silver (Purchasing Officer) Purchasing Dept.
 1. Office: (843) 545-3076
 2. Email: nsilver@gtcounty.org or purch@gtcounty.org
 - ii. Art Baker (Engineering & Capital Projects Manager) Eng. & Capital Projects Dept.
 - iii. James Coley (Projects Planner) Eng. & Capital Projects Dept.
 - iv. Jacob Nesmith (Senior Construction Inspector) Eng. & Capital Projects Dept.
 - v. Stephen Williams (Public Works Manager/GIS Specialist) Public Works Dept.
 - vi. Kevin Stimpson (Transportation Specialist) Public Works Dept.
 - b. Davis & Floyd, Inc.
 - i. Lindsey Keziah (Senior Transportation Engineer)
 - ii. Brice Urquhart (Vice President)
 - iii. William Dotterer (CEI Program Director)
 - iv. Mike Simpson (Senior Project Manager)
 - c. International Paper (IP)
 - i. Joe Martin (PM-IP Georgetown)
 - d. GCWSD
 - i. Amanda Kirchmeyer (GCWSD-Engineering)
 - ii. Ernie Funderburk (GCWSD-Engineering)
 - e. SCDOT
 - i. Ryan Anderson (Permit Manager-SCDOT Georgetown)
 - ii. Marcus Clore (SCDOT Assistant District Permit Engineer)
- 2) Calendar of Events (see Invitation for Bids-Section 00010)
 - a. Inquiry Cut-Off Time: Wed., August 5, 2020 (3:00 PM)
 - i. All questions/requests for clarification IN WRITING to Nancy Silver.
 - b. Bids Must be Received on/or Before: Thurs., August 20, 2020 (3:00 PM)
 - c. Public Bid Opening & Tabulation: Thurs., August 20, 2020 (3:00 PM)
- 3) Section 00010-Scope of Work (Summarized).
 - a. Realign & pave approx. 2.5 miles of existing Brick Chimney Rd. from Johnson Rd. to Browns Ferry Rd.
 - b. Road to include 2 paved 12 ft. lanes, 10 ft. shoulders with a min. 2 ft. of the shoulder paves and roadside ditches.

- c. Work shall include roadway widening and raised median on Brick Chimney Rd.
 - d. Work shall include new turn lanes on Browns Ferry Rd.
 - e. Work shall include a 55 LF bridge over IP Canal.
 - f. Brick Chimney Road will be closed during construction.
 - g. \$30,000 Utility Allowance-See Volume II, page 221 for details.
 - h. Standard 10% retainage.
- 4) Section 00100
- a. Section 00100
 - i. Item 10: Electronic bids through Vendor Registry only. Faxed/Emailed Bids will **NOT** be accepted.
 - ii. Items 30 & 31; Insurance Requirements
 - 1. COI only required from awarded contractor.
 - iii. Item 45: Award of Bid:
 - 1. Lowest responsible and responsive bidder based on listed criteria.
- 5) Virtual Bid Opening (Thursday, August 20, 2020 at 3:00 PM ET)
- a. Bid Form (Section 00300)
 - i. Mandatory Bid Submittal Form-5) Grand Total Base Bid
 - ii. Required Items- Exhibits A through J and 5% Bid Bond (Form 00400 or Other)
- 6) Section 00200-Optional Forms
- a. Intent to Respond
 - b. Material Substitution Request
 - c. Release & Indemnification Agreement for Electronic Media (CAD File Requests)
- 7) Liquidated Damages = \$1,400.00/Day, See Section 00300 Bid Form and Section 01100-Summary of Work.
- 8) Performance Bond (00600) [100% from awarded bidder]
- 9) Labor and Materials Bond (00601) [100% from awarded bidder]
- 10) Section 00750 Summary Schedule and Key Milestones
- a. Substantial Completion = 600 Days from NTP.
 - b. Final Completion = 660 Days from NTP.
- 11) Section 00800-Special Project Conditions
- a. 2 Project Signs-one on each end.
- 12) Scope of Work overview (Art)
- 13) Permits (D&F)
- a. SCDOT (Ryan Anderson)
 - b. All permits are posted under the bid, Contractor to review.
- 14) GCWSD Utility Relocations-Scope of Work (Amanda Kirchmeyer-GCWSD)
- 15) IP Canal Crossing (Joe Martin- IP)
- 16) Geotechnical Report (D&F)
- 17) Roadway - Scope of Work (D&F)
- 18) Bridge - Scope of Work (D&F)
- 19) Technical Specs (D&F)
- 20) Bid Schedule (D&F)
- 21) Inspection (Jacob + D&F)
- 22) Geotechnical Testing (Jacob + D&F)
- 23) Open to Questions
- 24) Dismissal