

CHATHAM COUNTY PURCHASING & CONTRACTING DEPARTMENT

ADDENDUM NO. 1 TO 18-0075-4

FOR: CANEBRAKE ROAD IMPROVEMENTS

PLEASE SEE THE FOLLOWING FOR ADDITIONS, CLARIFICATIONS AND/OR CHANGES:

1. THE BID OPENING DATE HAS BEEN EXTENDED TO: 2:00PM, AUGUST 15, 2018.

2. REPLACE CURRENT *SPECIAL CONDITIONS* WITH THE ATTACHED *REVISED SPECIAL CONDITIONS* (5 pages)

3. PLAN CHANGES:

All proposed driveways shall be concrete in accordance with the following:

Residential Driveways: 6" of concrete

Commercial Driveways: 8" of concrete

Construction plans and bid sheet will be revised and updated in Addendum 2.

4. QUESTIONS RECEIVED:

Question 1: Will an asphalt leveling quantity be added?

Answer: Yes. Addendum 2 will include a revised bid sheet.

Question 2: Does the water meter adjustment note mean water meters will have to be relocated?

Answer: It is the responsibility of the bidder to carefully examine and fully understand the construction plans, and make a personal examination of the site of the proposed work, and satisfy him or herself as to the actual conditions and requirements of the work.

5. FOR INFORMATION ONLY, The Cross Sections for this project are now available electronically the Chatham County Purchasing website.

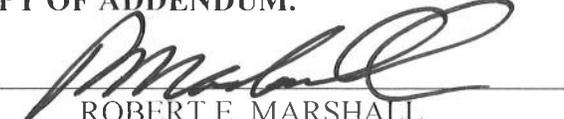
NOTE: There will be an ADDENDUM 2 issued as soon as it is completed.

**NOTE: BID OPENING HAS BEEN EXTENDED TO:
2PM, WEDNESDAY, AUGUST 15, 2018**

THE PROPOSER IS RESPONSIBLE FOR MAKING THE NECESSARY CHANGES AND MUST ACKNOWLEDGE RECEIPT OF ADDENDUM.

7/30/18

DATE


ROBERT E. MARSHALL
SENIOR PROCUREMENT SPECIALIST
CHATHAM COUNTY

**SPECIAL CONDITIONS
CANEBRAKE ROAD IMPROVEMENT PROJECT**

1. **DESCRIPTION OF WORK:**

The work will consist of furnishing all materials, labor and equipment for:

0.7 miles of roadway improvements consisting of sidewalk, multi-use pathway, pedestrian signal and traffic calming medians, drainage structures, grading (complete), pavement widening, milling, leveling, resurfacing and striping on Canebrake Road.

Construction plans and other details for the project are provided elsewhere in these contract documents.

All work under this contract shall be done in accordance with the latest edition of the Georgia Department of Transportation (GDOT) Standard Specifications, the Manual on Uniform Traffic Control Devices (MUTCD) and the following Special Provisions and Supplemental Specifications which are available on the GDOT website at <http://www.dot.ga.gov/PartnerSmart/Business/Source> : 150-Traffic Control, 161-Control of Soil Erosion and Sedimentation, 647-Traffic Signal Installation, 828-Hot Mix Asphaltic Concrete Mixtures, 925-Traffic Signal Equipment, except for certain items deleted or modified in these documents. Special Provisions for Prompt Payment included in this proposal shall also apply to this contract.

Contract administration and inspection will be performed by Chatham County.

All materials used in the process of completion of the work included in the contract will be furnished from Georgia Department of Transportation certified suppliers only as per the GDOT Qualified Products List available on the website www.dot.ga.gov/PS/Materials/QPLCategories.

The Prime Contractor must be pre-qualified by GDOT at the time of the bid opening. All subcontractors must be qualified or registered by GDOT prior to beginning work on the project. All subcontractors must be listed in the bid package or approved by the County in writing prior to performing work on the project.

It is the responsibility of the bidder to carefully examine and fully understand the construction contract, plans, technical specifications and other documents hereto attached and make a personal examination of the site of the proposed work, and satisfy him or herself as to the actual conditions and requirements of the work.

The bidder further agrees that the cost of any work performed, materials furnished, services provided, or expenses incurred, which are not specifically delineated in the contract documents but which are incidental to the scope, intent, and completion of the contract, shall be deemed to have been included in the prices bid for the various items scheduled.

2. **COMMENCEMENT AND COMPLETION:** The Contractor shall agree to commence work under this contract within ten (10) working days after the Notice to Proceed is issued, and complete all work within 180 calendar days after the 10-day period. The Contractor shall work continuously on the project after the Notice to Proceed is issued.

The Contractor shall notify the County when the work is substantially complete by submitting in writing a request for a Certificate of Substantial Completion (Substantial Completion shall mean the date when the work has progressed to the point where it can be utilized for the purpose for which it is intended). The Certificate shall be a mutually agreed upon document listing the date of substantial completion, items of the work remaining to be completed or corrected and shall fix the time within which the Contractor shall complete items listed therein (no more than 30 days). The Certificate shall be signed by the Contractors Construction Manager and the County Project Manager. Time charges shall recommence if all work, including corrective work but excluding permanent grassing, is not complete within the time specified in the Certificate.

3. **MAINTENANCE:** Once the Notice to Proceed has been issued, the Contractor is held responsible for all maintenance within the limits of the project throughout the duration of the contract without exception.

4. **LIQUIDATED DAMAGES:** Failure to complete all work within **180** calendar days plus any extension authorized in writing by the County Engineer shall entitle the County to deduct as "Liquidated Damages" from the monies due the Contractor the amount of **\$250 for each calendar day in excess of the authorized construction time**. The Georgia Department of Transportation schedule for liquidated damages will not be used.

5. **PRECONSTRUCTION CONFERENCE:** The Contractor shall attend a pre-construction conference prior to commencing any work. The Project Manager and Project Superintendent need to be in attendance.

6. **CONSTRUCTION SCHEDULE:** The Contractor shall prepare a detailed schedule showing progress dates and completion dates of all phases of construction, including the critical path for the project. The schedule must be submitted and approved prior to commencement of work.

7. **PAYMENT:** Quantities are approximate and payment shall be for measurements of actual in-place work as per the plans and specifications. Any quantities exceeding the contract amount shall be requested by the Contractor in writing, for approval by the County Engineer, prior to the work being performed. Payment will not be made for additional quantities without prior, written approval of the County Engineer.

8. **TRAFFIC CONTROL:** Traffic Safety is paramount. All roads must be open to traffic at all times. The Contractor will be responsible for all traffic control, in accordance with the Manual on Uniform Traffic Control Devices, GDOT standards and details, Special Provision 150 and all other safety measures that will enhance the safety of the construction site. All costs associated with this work shall be included in the bid price for traffic control. The Contractor shall submit a traffic control plan for approval prior to beginning any work. Any changes to the approved traffic control plan must be submitted and approved in writing.

9. **INCIDENTAL ITEMS OF CONSTRUCTION:** The cost associated with any incidental items of construction in which no specific pay items are set up for shall be included in the overall cost of the project.

10. **FORCE ACCOUNT:** When no agreement is reached for additional work to be done at Lump Sum or Unit Prices, then such additional work shall be done based on the following Cost-Plus-Percentage basis of payment. The Georgia Department of Transportation specifications for the use of a force account will not be used.

a. For work performed by the prime contractor/general contractor, the contractor shall be reimbursed for actual cost incurred in doing the work, and an additional payment of 15% to cover overhead and profit.

b. For work performed by a sub-contractor, the sub-contractor shall be reimbursed for actual cost incurred in doing the work, and an additional payment of 10% to cover overhead and profit. The contractor shall be allowed an overhead and profit mark-up not to exceed 7% on the subcontractor's price. The County shall not recognize subcontractors of subcontractors.

c. The term "Actual Cost" shall include the cost of material and labor as follows:

i. Material cost - Direct cost of material, sales tax, freight and equipment rental.

ii. Labor cost - Man hour cost listed separately by trade, payroll costs including workman's compensation, social security, pension and retirement.

d. The term "Overhead and Profit" shall include bonds (Payment & Performance, Roof & Wall), insurance (Liability, Builders Risk), permits, supervision costs (cost of subcontractor to supervise own work, cost of contractor to supervise work of sub-contractor), proposal preparation and all administrative costs.

11. **PRECONSTRUCTION INSPECTION:** A preconstruction DVD or CD of photographs is required and must be submitted to Chatham County Department of Engineering for approval prior to the start of work. Each road should be filmed and labeled individually on the disk. Special emphasis shall be given to record the existing condition of roadway pavement, signs, driveways, utilities and any other improvements within 20 feet of the project limits.

12. **BITUMINOUS TACK:** Only Asphalt Cement, performance grade PG 58-22, PG 64-22 or PG 67-22 will be allowed. Emulsified asphalt shall not be used.

13. **WORK HOURS:** Contractor work hours shall be restricted to daylight hours on weekdays unless specifically approved otherwise at least 48 hours in advance.

14. **UTILITIES:** The Contractor will be responsible for all utility coordination and protection of utility facilities.

15. **PRIME CONTRACTOR SUPERINTENDENT:** A qualified Superintendent of the prime contractor shall be on-site at all times during construction activities, including those of subcontractors. A sub-contractor will not be an approved representative of the prime contractor. If the Superintendent is not present to control the work, work may be suspended by County personnel until such time as the Superintendent is on-site and has adequately addressed any problems or concerns.

16. SAMPLING AND TESTING OF MATERIALS:

All sampling and testing services shall be performed by an independent testing agency accepted by the County Engineer, at the contractor's expense. All sampling and testing will be in accordance with the Georgia Department of Transportation Standard Specifications and Sampling, Testing and Inspection Guide except as modified here. It should be understood that these are minimum requirements and that additional testing may be requested by the Engineer as needed. A copy of all test reports shall be sent to the Project Manager and must be received prior to the placement of the next lift if applicable and prior to any payment for the work. Written field reports are acceptable for compaction testing to expedite construction. Verbal approval will not be acceptable. The cost associated with testing will be included in the bid price for that item. Asphalt cores may be required for verification if compaction results from gauge readings fail to meet the contract requirements or at the discretion of the Engineer to verify results.

- a. Section 207 Backfill for Minor Structures- One sample per major soil type shall be taken to ensure that the material meets the requirement for Type 1 Backfill material, unless embankment material is used which has already been established as meeting the Class IIB3 or better soil requirement. One in-place density test shall be taken for every three lines of longitudinal pipe between drainage structures or every 500 feet, whichever is less. One in-place density test shall be taken for every cross drain pipe which passes under the road. One in-place density test shall be taken for every five drainage structures. Required compaction is 95% of the maximum dry density with optimum moisture content as determined by the testing agency.
- b. Section 209 Subgrade - One in-place density test shall be taken per every 500 linear feet, maximum 24 foot width, for each section set up at one time. Compaction shall be a minimum of 100% of maximum dry density and optimum moisture content as determined by the testing agency. Any areas that fail a compaction test must pass a retest prior to placement of base course. The subgrade shall be proof rolled with a loaded dump truck and approved by the Engineer prior to placement of any base course. Testing as per GDT 7, 20, 24a, 24b, 59, 67.
- c. Section 310 Graded Aggregate Construction - One thickness measurement and one in-place density test per 500 linear feet, maximum 24 foot width, for each section set up at one time. A proof roll with a loaded dump truck may be required by the Engineer prior to placement of any asphalt or bituminous prime coat. Testing as per GDT 21,59.
- d. Section 400 & 402 Hot Mix Asphalt Construction - The contractor shall be responsible for comparison testing and quality assurance according to GDOT Standard Specification 400.3.06.A. 3.4. and compaction testing according to GDOT Standard Specification 400.3.06.B. This testing may be waived by the Engineer for projects with a total of 500 tons or less of asphalt.
- e. Section 441 Miscellaneous Concrete - One set of test cylinders per each 100 cumulative cubic yards or one set per week if placement is less than 100 cumulative cubic yards per week. Air and slump test are required when cylinders are made and as necessary to insure adequate control. Cylinders shall be tested at 28 days in accordance with ASTM C39. for compaction testing to expedite construction. Verbal approval will not be acceptable. The cost associated with testing shall be included in the bid price for that item.
- f. Section 500 Concrete Structures - One set of test cylinders per each 50 cubic yards or fraction thereof placed daily. Air and slump test are required when cylinders are made and approximately

every third load thereafter to insure adequate control. Cylinders may be waived for certain items such as pipe headwalls, spillways, class B pavement widening, or other miscellaneous items as determined by the Engineer. Cylinders shall be tested at 28 days in accordance with ASTM C39. Additional cylinders may be taken for early breaks as necessary.

g. Section 647 Traffic Signal Installation – All tests shall be performed in accordance with this standard specification.

17. **GRADED AGGREGATE BASE:** Only granite is approved for use as a graded aggregate base. Limerock and recycled or crushed concrete are not approved base materials for this project.

18. **TREE PROTECTION & REMOVAL:** Individual trees greater than 8” DBH and located outside of the construction limits shall not be removed unless specifically called out for removal. All such trees, as well as those specifically labeled for protection, shall be protected with bright orange polyethylene barrier fence, or an approved alternate, around the tree protection zone. The barrier fence shall be installed before grading operations begin and shall be maintained until the area has been brought to final grade and permanently stabilized. If the contractor feels a tree should be removed that is not shown as such, he shall notify the Engineer immediately so that a determination can be made. Further, during construction, the Engineer may identify additional trees within the project limits that must be removed in the interest of safety and/or maintenance. In either case, the contractor shall remove such trees at the direction of the Engineer at no additional cost the County.

19. **FIELD CONDITION ALLOWANCE:** The field condition allowance shown on the bid sheet shall belong to Chatham County. The purpose of this Allowance is to allow the County to designate actions associated with completion of the project which are not indicated on the plans, but which are dictated by field conditions. Bidders shall not use this Allowance to assume any Contractor costs known or unknown at the bidding. Chatham County must approve use of the Allowance. All bidders shall include this Field Condition Allowance within their base bid. Any unused allowance shall revert to Chatham County.

20. **AS-BUILT/RECORD DRAWINGS:** Before final acceptance of the completed work and final payment by the Owner, the Contractor shall deliver to the Engineer, four sets of “record” drawings accurately depicting the horizontal and vertical as-built data of all drainage pipe and drainage structures. “Record” drawings shall be certified by a licensed surveyor, registered in the State of Georgia. The size of the drawings shall be 24” x 36”. The “record” drawings shall have a coordinate system based on the Georgia State Plane Coordinate System, East Zone, North American Datum 1983 (NAD 83). Elevations shall be based on the NAVD 88 datum. All measurements and coordinates shown shall use the U.S. Survey foot definition. Coordinates shall be shown on all drainage pipe and drainage structures performed under this contract. Vertical data shall include all pipe and drainage structure inverts (upstream and downstream). In addition to the “record” drawings, Contractor shall deliver to the Engineer electronic AutoCAD files (Version 14 or later) all the data described above on a flash drive. Digital file submission shall conform to the Chatham County Digital As-built Submission Technical Guide:
<http://engineering.chathamcounty.org/Portals/Engineering/Digital%20As-builts/Digital%20Data%20Submission%20Technical%20Guide.pdf>