

CHATHAM COUNTY PURCHASING & CONTRACTING DEPARTMENT

ADDENDUM NO. 2 TO 18-0092-4

FOR: PAVEMENT REHABILITATION - 2018 FIRST LET

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

QUESTION RECEIVED:

1. Q) It is likely that paving cannot be completed within the 120 day completion time due to temperature restrictions that come into play in the Fall/Winter. Can the contract completion time be increased to allow for paving to be completed by May of 2019 ?

A) *The contract time will be extended to 180 calendar days. See revised Special Conditions attached.*

2. Q) Can you please clarify why an on system state-route asphalt specification will be required for an off system network of residential streets?

A) *In reference to the compaction requirements, please see the Special Provision for Sampling and Testing.*

ATTACHMENTS:

Replace current *Special Conditions* with the attached revised Special Conditions (6 pages)

NOTE: BID OPENING REMAINS:

2PM, THURSDAY, SEPTEMBER 20, 2018

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

9/11/18
DATE



ROBERT E. MARSHALL
SENIOR PROCUREMENT SPECIALIST
CHATHAM COUNTY

**SPECIAL CONDITIONS
PAVEMENT REHABILITATION 2018
FIRST LET**

1. DESCRIPTION OF WORK:

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

Three and a half miles of pavement rehabilitation and resurfacing on twelve county roads including Autumn Leaves Court, Brevard Court, Commodore Drive, Mapmaker Cove, Moss Drive, Redan Drive, Rigger Court, Schooner Drive, Stonebridge Drive, Summer Winds Drive, Surrey Road, and Talahi Circle.

Location maps, typical sections and special provisions for the project are included in this proposal.

All work under this contract shall be done in accordance with the Georgia Department of Transportation (GDOT) Standard Specifications, latest edition and subsequent supplemental specifications; the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD) and the following Shelf Special Provisions which are available on the GDOT website at <http://www.dot.ga.gov/PS/Business/source> : 150 Traffic Control, 415 Asphaltic Concrete Open, Graded Interlayer and 802 Aggregates for Asphaltic Concrete. Special Provisions for Prompt Payment, and Sampling and Testing are included in this proposal will also apply.

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 45 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.

Intermediate Deadlines

1. Milled surfaces shall be resurfaced as follows:
 - a. Asphalt shall be covered within 7 calendar days.
 - b. Soil cement shall be covered within 48 hours.
2. Crack relief interlayer shall be covered as follows:
 - a. OGI shall be covered within 48 hours.

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 **120** 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.

Failure to meet any of the intermediate deadlines outlined above in the section for Commencement and Completion 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 \$200 for each calendar day in excess of the authorized construction time and the Contractor will be required to make corrections or complete any patching required due to traffic on exposed surfaces at their own expense.

5. **PRECONSTRUCTION CONFERENCE:** The Project Manager and Project Superintendent of the Prime Contractor shall attend a pre-construction conference prior to commencing any work. Subcontractors are encouraged to attend.

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. **DEEP PATCHING:** The bid price for this item to include all labor and equipment for saw cutting to a vertical edge, excavation and removal of a minimum of 8 inches of existing materials including tree roots, grading and compaction of the subgrade. The subgrade shall be free of any and all organics to a depth of 6 inches. Patches will be 6 inches of .19mm asphalt. The asphalt will be paid separately. The Chatham County department of engineering will mark the areas to be patched prior to the work being performed.

17. **HERBICIDE:** All areas of pavement must be sprayed with herbicide as needed to kill any existing grass growing in or through the pavement, in the gutters or between the roadway and gutter at least one week prior to beginning paving operations.

18. **GRADING COMPLETE:** Grading Complete for this project should include but is not limited to: full depth replacement of the cul-de-sac on Commodore Drive, borrow material, hauling and placing or excavating material as needed, grading shoulders and driveways, tree trimming as needed to allow for paving operations, cleaning gutters throughout the paving limits and other miscellaneous work as required. Shoulder grading will be required on Commodore Drive, Schooner Drive and Talahi Circle. Some grading may require hand work around existing trees, landscaping and mailboxes. If mailboxes must be moved to complete shoulder work, the Contractor is responsible for removing and replacing them on the same day. Shoulder building shall not begin until at least three days after the paving is complete. The Contractor will be responsible for removal and replacement of any damaged pavement surface as per GDOT specifications.

19. **GRASSING:** Graded areas shall be stabilized daily with either grass or mulch. Grassing shall be completed within 7 days of disturbance. It will be the Contractors responsibility to maintain all areas until a final stand of grass is established and accepted. This includes watering, mowing, reseeding, additional applications of mixed grade fertilizer or other miscellaneous work as related to maintenance of the grass as needed. The cost for this work shall be included in the bid price for temporary and permanent grassing. The Contractor is responsible for keeping sediment from entering storm drainage structures or leaving the site. Additional Best Management Practice (BMP) devices may be required and will not be measured separately for payment but will be included in the overall bid for the project.

21. **DRIVEWAYS:** Contractor shall exercise extreme caution when tapering asphalt down to brick paved driveway aprons along Commodore Drive and Schooner Drive.

22. **MISCELLANEOUS CONCRETE** All concrete work shall be coordinated with paving operations on said roads to ensure no damage to either the new concrete or new asphalt. The swale and fillet shall be installed such that positive drainage is achieved. The swales and fillets shall conform to the details included in this proposal as well as to best match existing. Some survey work will be required to ensure adequate drainage.

23. **SIGNS:** Refer to the "Sign and Post Replacement List" in this proposal for signs to be replaced in conformance with GDOT details T-1 and T-3A and the Manual on Uniform Traffic Control Devices. Stop signs shall be replaced immediately after removal. The old signs will become the property of the contractor and the cost of removal included in the bid price for the signs.

24. **NOTIFICATION OF WORK:** The Contractor will be responsible for providing written notice to property owners along roads with on street parking a minimum of 48 hours in advance of the work.

25. **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 required for the project will be in accordance with the GDOT Sampling, Testing and Inspection Guidelines except as modified in the attached Special Provision – Sampling and Testing of Materials. It is 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 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 shall be included in the bid price for that item.

26. **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.

PROPOSAL INDEX: This proposal includes the following attachments for your information:

- Location Map
- Typical Sections and Details
- Road Listing
- Sign Replacement List
- Miscellaneous Concrete List
- A Summary of Quantities
- Special Provision for Prompt Payment
- Special Provision for Sampling and Testing
- Asphalt Core Report