

CHATHAM COUNTY PURCHASING DEPARTMENT

ADDENDUM NO. 1 TO BID NO. 16-0108-4

FOR: TIMBER BRIDGE FOR BASIN ROAD PATH AT AL BUNGARD
CONSERVATION AREA

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

NOTE: REPLACE CURRENT *SPECIAL CONDITIONS* SECTION WITH THE
ATTACHED REVISED *SPECIAL CONDITIONS* (4 pages)

RESPONSES TO QUESTIONS RECEIVED:

1. Q) Clarify items 16 & 17 of *Special Conditions* (pages 29 &30 of solicitation are referencing. They both mention Brittlewood Drive and Montford Court.

A) *Items 16 & 17 have been removed from the Special Conditions. See attached revised Special Conditions.*

2. Q) 30 days is insufficient time to procure and construct.

A) *The 30 day contract time begins 10 days after the issuance of the Notice to Proceed. Engineering believes this is sufficient amount of time.*

3. Q) Plan Sheet 3 (bridge details) indicates the amount of treatment based upon several conditions of exposure. We assume the exposure is fresh water, but could be brackish. Please define the exposure and provide the amount of treatment required. CCA treatment is no longer used for the lumber in areas in which people may contact, such as the rail, posts, decking, etc.

A) *Timber Piles: All timber piles and caps shall be treated with CCA 1.0 (Salt Splash Brackish Water)*

Timber Construction (above waterline): All lumber above pile caps shall be 0.15 CAC.

4. Q) What is being done along the bottom of the ditch we cut through and put bridge over. I see nothing indicating any rip-rap or bank stabilization of any sort. Therefore, the dirt will wash away.

A) *The breach will connect two wetlands and function as an equalizer. Subcritical flow through the breach is expected and rip-rap shouldn't be needed to stabilize the 3:1 side slopes. The disturbed areas shall be grassed and over time will become naturally vegetated with wetland flora.*

BID OPENING DATE REMAINS :

2PM, TUESDAY, DECEMBER 6, 2016

11/30/16
DATE


ROBERT E. MARSHALL
SENIOR PROCUREMENT SPECIALIST
CHATHAM COUNTY

**PROPOSED TIMBER BRIDGE
FOR
BASIN ROAD PATH
AL BUNGARD CONSERVATION AREA**

1. DESCRIPTION OF WORK:

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

Demolition of a section of asphalt pathway, removal of culvert, grading and installing a two span, timber bridge.

A location map, construction plan, details and specifications for the project are included in this proposal.

All work under this contract shall be done in accordance with the Georgia Department of Transportation Standard Specifications, 2013 Edition and supplemental specifications included in and made part of this proposal and plans.

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.

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 30 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 60 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 30 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 \$200 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. **CONSTRUCTION STAGING:** The Contractor shall utilize Basin Road Path as a laydown area and will be allowed to close the path during construction.

8. **LAYOUT OF THE WORK:** The requirements of Section 149 of the Georgia Department of Transportation specifications shall apply. The Contractor will layout his own construction survey work and be responsible for all measurements in connection therein.

9. **PAYMENT:** 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.

10. **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.

11. **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.

12. **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.

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

14. **ENCROACHMENT PERMIT:** Contractor shall obtain an Encroachment Permit through the Public Works Department prior to any work within County right of way.

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. **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 and 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.

17. **SAMPLING AND TESTING OF MATERIALS:**

All sampling and testing services shall be performed by an independent testing agency which operates in accordance to ASTM D3470 and E329, latest edition, and 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 Engineer. The cost associated with testing will be included in the bid price for that item.

a. Section 208 Embankment- One sample per major soil type shall be taken to ensure that the material meets the requirement for Class IIB3 or better soils as per GDOT Standard Specification 810.2.01. One in-place density test shall be taken per area of embankment constructed at one time on every other lift, or every 2,000 cubic yards, whichever is less. Required compaction is a minimum of 95% of the 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 any additional embankment being placed at that location. Testing as per GDT 7, 20, 21, 24a, 24b, 59, 67.

b. 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.