



COUNTY OF CURRITUCK
Advertisement for Bids
Carova Roads Repair
Project # 0821

County of Currituck, North Carolina (“County”) requests bids for Carova Roads Repair in Carova, North Carolina.

Bids will be received until **4:00 p.m.** on **Wednesday, December 23, 2020.** Bids received after this deadline will not be accepted.

A Pre-bid meeting will be at 10:00 a.m. on Thursday, December 10, 2020 at the Carova Beach Volunteer Fire Department (Address: 2169 Ocean Pearl Rd, Corolla, NC 27927). Attendance is not required.

Contract documents are available on the Currituck County ‘Bids & RFPs’ website:

<https://co.currituck.nc.us/bids-rfp/>

or from:

Currituck County Engineering Department
Nick Ingold, Engineer Technician
Office: (252) 232-6048
Email: Nick.Ingold@CurrituckCountyNC.gov

Upon award and contract execution, road repair is anticipated to begin February 2021. Duration of road repair is 90 days.

This is an informal bid. Bids will not be opened publicly and read aloud. The bids will be evaluated and contract will be awarded in accordance with the statutory requirements. All bidders must meet the licensing requirements under Chapter 87 of the N.C. General Statutes. Small Business Entities, Women Owned Businesses and Minority Owned Businesses are encouraged to submit bids. The County reserves the right to reject any or all bids and to waive informalities, as it may deem to be in its best interest

Instructions to Bidders
Carova Roads Repair (P0821)

1.0 Submission of Bids

Bids will be received until **4:00 p.m. on Wednesday, December 23, 2020**

Bids submitted shall include the following items:

- (1) One copy of General Contracting License
- (2) One copy of Bid Form

All bids must be made on the required Bid Form. The Bid Form must be fully completed and executed when submitted.

Bids must be marked “Carova Roads Repair” and may be submitted by (in order of preference) email, hand-delivery, mail, or fax to:

Currituck County Engineering Department
Attention: Nick Ingold, Engineer Technician
Email: Nick.Ingold@CurrituckCountyNC.gov
Hand-Delivery: 145 Courthouse Road, Currituck, NC 27929
Mailed: 153 Courthouse Road, Suite 302, Currituck, NC 27929
Fax: (252) 232-3298

Any bid received after the time and date specified shall not be considered. It is the Contractors responsibility to verify receipt of any bids submitted to the County prior to the deadline. The County reserves the right to reject any or all bids and to waive informalities, as it may deem to be in its best interest

This is an informal bid. Bids will not be publicly opened and read aloud. No Bidder may withdraw a bid within 30 days after the actual date of the opening thereof.

Award will be made to the lowest responsive, responsible bidder.

2.0 Pre-Bid Meeting

Pre-bid meeting will be at 10:00 a.m. on Thursday, December 10, 2020 at the Carova Beach Volunteer Fire Department (Address: 2169 Ocean Pearl Rd, Corolla, NC 27927). Attendance is not mandatory; however, interested contractors are encouraged to attend.

3.0 Questions

Written questions and requests for clarification shall be submitted via e-mail to Nick Ingold at Nick.Ingold@CurrituckCountyNC.gov no later than 5:00 pm on Wednesday, December 16, 2020. All questions requiring additional information will be responded in an addendum no later than Friday, December 18, 2020. All addenda shall become part of the Contract Documents.

4.0 Additional Instructions

All applicable laws, ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the Project shall apply to the contract throughout.

Each Bidder is responsible for inspecting the site, understanding the scope of work, specifications, plans, and for reading and being thoroughly familiar with the Bid Documents.

Contractor awarded the project will be required to:

- Execute Agreement included herein;
- Provide a form W-9; and
- Provide Certificate of Insurance verifying required insurance described in General Terms and Conditions.

Scope of Work
Carova Roads Repair (P0821)

The Scope of Work for Carova Roads Repair includes:

1. Clear and grub right-of-way to 30 feet wide and 13 feet high on Bass Lane, Pompano Lane, Swan Island Road, Dolphin Lane, Grebe Road, Plover Court, and Swan Road (total length: 10,360 linear feet);
2. Remove 7 existing culverts and install 9 new culverts with inlet and outlet protection on Bass Lane, Pompano Lane, and Red Snapper Lane (total length per new culvert: 24 feet, 18 inch inside diameter reinforced concrete pipe);
3. Excavate 1,730 cubic yards of sand material within the right-of-way of Sandfiddler Road and Pompano Lane and fill, spread, and grade 50 fill sections with sand material along Bass Lane, Pompano Lane, Swan Island Road, Red Snapper Lane, Dolphin Lane, Grebe Road, Plover Court, and Swan Road
4. Widen roads to a width of 20 feet on Bass Lane, Pompano Lane, Swan Island Road, Dolphin Lane, Grebe Road, Plover Court, and Swan Road (total length: 10,360 linear feet).

Bid Form
Carova Roads Repair (P0821)
Date Advertised: December 2, 2020
Bids Due: 4:00 p.m. on Wednesday, December 23, 2020

The undersigned has carefully examined the instructions, scope of work and specifications and general terms and conditions and hereby declares that Bidder will furnish all materials, equipment, and labor necessary to complete the construction of the work described in these documents in full and complete accordance with these documents, and to the full and entire satisfaction of the County.

Bidders shall submit a Base Bid – Lump Sum for all work required by the Contract Documents (not including Unit Price Items). The bidder will also submit a Unit Price bid for each item of work listed on the Unit Prices schedule to arrive at a Total Unit Price. The Bidder will then add the Base Bid-Lump Sum and the Total Unit Price to arrive at a TOTAL BID amount.

The unit prices quoted shall include all cost to provide for as yet unknown amounts of work needed. These unit prices will be applied in determining cost for additions to or deductions from the work after execution of this contract and shall apply throughout the life of the contract.

Bidder acknowledges that estimated quantities are not guaranteed and are solely for the purpose of comparison of bids and initial contract price. Final payment for all unit price bid items will be based on actual quantities as determined by the Contractor and approved by the Owner.

For each unit price item on the Bid Form, Bidder shall enter the unit price bid, and shall enter the computation of the respective quantity times the Bidder's unit price for that item. Bidder shall compute and enter in the space provided on the Bid Form, the total of the products of quantity and unit price bid for each unit price item.

Discrepancies between the multiplication of quantity and unit prices will be resolved in favor of the unit prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.

BASIS OF THE BID

Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

Bid Item 1: Clear and grub right-of-way to 30 feet wide and 13 feet high on Bass Lane, Pompano Lane, Swan Island Road, Dolphin Lane, Grebe Road, Plover Court, Swan Road

Lump Sum \$ _____ for 10,360 linear feet

Write out total dollar amount in words

Bid Item 2: Remove 7 existing culverts and install 9 new culverts with inlet and outlet protection on Bass Lane, Pompano Lane, and Red Snapper Lane

Lump Sum \$ _____

Write out total dollar amount in words

Bid Item 3: Excavate 1,730 cubic yards of sand material within the right-of-way of Sandfiddler Road and Pompano Lane and fill, spread, and grade 50 fill sections with sand material along Bass Lane, Pompano Lane, Swan Island Road, Red Snapper Lane, Dolphin Lane, Grebe Road, Plover Court, and Swan Road.

Lump Sum \$ _____

Write out total dollar amount in words

Bid Item 4: Widen roads to a width of 20 feet on Bass Lane, Pompano Lane, Swan Island Road, Dolphin Lane, Grebe Road, Plover Court, and Swan Road.

Lump Sum \$ _____ for 10,360 linear feet

Write out total dollar amount in word

BASE BID: Lump sum price for all work required by Contract Documents (NOT including unit prices).

\$ _____ dollars _____ cents

| Unit Price Items | | | | | |
|--------------------------------|---|-----|------------|-------|----------------|
| Item No. | Description | UOM | Unit Price | Qty. | Extended Price |
| 1 | Installation of reinforced concrete pipe, 18-inch | FT | \$ | 24 | \$ |
| 2 | Culvert inlet and outlet protection | EA | \$ | 1 | \$ |
| 3 | Excavate sand material | CY | \$ | 1,316 | \$ |
| 4 | Fill voids with excavated sand material | CY | \$ | 1,316 | \$ |
| Total Unit Price Amount | | | | | \$ |

Contractor's Bid Amount: Base Bid (Lump Sum) Amount + Total Unit Price Amount:

\$ _____ dollars _____ cents

Write out total amount in words

Bidder has examined all Bid Documents and the following Addenda, receipt of which is hereby acknowledged:

Addendum Date:

Addendum Number:

Respectfully submitted this _____ day of _____, 2020.

Name of Business

Signature of Authorized Representative/Title

Print Name

Address

Email Address of Representative

N.C. General Contractor License No.

**NORTH CAROLINA
CURRITUCK COUNTY**

AGREEMENT FOR CAROVA ROADS REPAIR (P0821)

This Agreement is made this ____ day of _____ 2020, by and between the COUNTY OF CURRITUCK, NORTH CAROLINA, a body corporate and politic existing pursuant to the laws of the State of North Carolina, (the "Owner") and _____, a North Carolina *corporation* existing and organized pursuant to the laws of the State of North Carolina, (the "Contractor").

WHEREAS, pursuant to Chapter 143, Article 8 of the General Statutes of North Carolina and Currituck County, North Carolina Purchasing and Contracting Policy the County requested bids for the Carova Roads Repair; and

WHEREAS, Contractor submitted the lowest responsive, responsible bid consistent with the Owner's needs; and

NOW THEREFORE, in consideration of the mutual benefits, promises, and undertakings, the sufficiency and receipt of which are acknowledged, the following terms and conditions are agreed to by the parties to this Contract:

1. **Incorporation by Reference.** The following are made a part hereof as if the same were fully set forth herein, and if any discrepancies arise between the documents, they will prevail in the following order: (1) this Contract including the General Terms and Conditions, (2) Advertisement for Bids by Currituck County issued December 2, 2020, (3) Bid Form dated December 23, 2020 (4) Specifications issued December 2, 2020, and (5) 'Bid/Construction' Plans, dated November 24, 2020. This procurement is governed by Chapter 143, Article 8 of the General Statutes of North Carolina and Currituck County, North Carolina Purchasing Policy. All terms and conditions of statutes, policies and procedures are hereby adopted and incorporated by reference herein.
2. **Contract Term.** The Agreement shall be for a period of 90 consecutive days from the issuance of the Notice to Proceed.
3. **Contract Cost.** The Agreement shall be for a base bid of _____ (\$_____).
4. **Changes to Agreement.** This Agreement and its references constitute the entire contract and understanding between the parties with respect to the matters contained herein. The contract supersedes any prior contracts, negotiations, proposals, agreements and/or understandings, whether verbal or written, relating to the subject matter hereof. This contract may be modified, amended or extended only by a written instrument executed by both parties.

5. **Liquidated Damages.** Contractor and Owner recognize that time is of the essence and that the Owner will suffer financial and other losses if the Work is not completed within 90 days of the Notice to Proceed. The parties also recognize the delays, expense and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty), Contractor shall pay Owner \$250 per day for each day that expires after the 90 day completion period.

6. **Termination.** This Agreement may be terminated by either party at any time upon 15 days written notice to the other party. Upon the termination of this Agreement, Contractor shall prepare and provide to County a list of all pending unfinished business involving Contractor.

7. **Notices.** Any notices required shall be in writing, unless otherwise permitted hereunder, and shall be deemed received five (5) days after mailing of same in the U. S. Mail with postage prepaid at the addresses set forth below or upon actual receipt:

Notice to Owner shall be made to:

Ben Stikeleather, County Manager
 County of Currituck
 153 Courthouse Road, Suite 204
 Currituck, NC 27929

Notice to Contractor shall be made to:

8. **General Terms and Conditions.** During the term of this Contract, Contractor agrees to procure and maintain insurance which meets all Owner's requirements in the General Terms and Conditions.

9. **Counterparts.** This Agreement may be executed in one or more counterparts each of which shall be deemed an original but all of which together shall constitute one and the same instrument. Signed signature pages may be transmitted by facsimile or as an attachment to an email, and any such signature shall have the same legal effect as an original.

10. **Severability.** If any provision of this Agreement is determined to be unenforceable, invalid or illegal, then the enforceability, validity and legality of the remaining provisions will not in any way be affected or impaired, and

such provision will be deemed to be restated to reflect the original intentions of the parties as nearly as possible in accordance with applicable law.

- 11. Indemnity.** Contractor shall and does hereby agree to indemnify, save harmless and defend County from the payment of any sum or sums of money to any person whomsoever on account of claims or suits growing out of injuries to persons, including death, or damage to property caused by Contractor, its employees, agents or subcontractors in any way attributable to the performance of the Services, including (but without limiting the generality of the foregoing), all claims for service, labor performed, materials furnished, provisions and supplies, injuries to person or damage to property, liens, garnishments, attachments, claims, suits, costs, attorneys' fees, costs of investigation and of defense. It is the intention of this paragraph to hold the Contractor responsible for the payment of any and all claims, suits, or liens, of any nature and character, in any way attributable to or asserted against County or against Contractor and County, or which the County may be required to pay. In the event the liability of the Contractor shall arise by reason of the sole negligence of County and/or the sole negligence of County's employees, agents or servants, then and only then, Contractor shall not be liable under the provisions of this paragraph.
- 12. Miscellaneous.** This Contract shall be governed by the laws of the State of North Carolina. Jurisdiction and venue for any litigation arising out of or involving this Agreement shall lie in the North Carolina General Court of Justice in Currituck County, North Carolina, and such litigation shall be brought only in such courts. All pronouns used herein shall refer to every gender. Headings or titles in this Contract are only for convenience and shall have no meaning or effect upon the interpretation of the provisions of this Contract. This Contract is the entire agreement between the parties and may not be amended or modified, except by writing, signed by each party. If any provision of this Contract is determined to be unenforceable, then the remaining provisions of this Contract shall be interpreted as in effect as if such unenforceable provision were not included therein.

IN WITNESS WHEREOF, the parties hereto have executed this Contract as of the day first written above.

Attest

County of Currituck

Leeann Walton
Clerk to the Board

Ben Stikeleather
County Manager

[COUNTY SEAL]

[Contractor]

By:_____

Print Name and Title:

This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act.

Sandra Hill
Finance Officer

GENERAL TERMS AND CONDITIONS

1. GENERAL

It is understood and agreed that by submitting a bid that the Contractor has examined these contract documents and specifications and has visited the site of the Work, and has satisfied himself relative to the Work to be performed. The Contractor agrees to accept the premises in their present condition and agrees to make no additional demands on the County for bringing the premises up to the standards of the specifications.

2. DEFINITIONS

Owner: "Owner" shall mean, the County of Currituck, North Carolina.

Contractor: "Contractor" shall mean the entity that will provide the services to the Owner.

Contract Documents: "Contract Documents" shall consist of the Notice to Bidders; General Terms and Conditions of the Contract; special conditions if applicable; the drawings and specifications, including all bulletins, addenda or other modifications of the drawings and specifications incorporated into the documents prior to their execution; the bid; the contract; the performance bond if applicable; and insurance certificates. All of these items together form the contract.

3. INTENT AND EXECUTION OF DOCUMENTS

The drawings and specifications are complementary, one to the other. That which is shown on the drawings or called for in the specifications shall be as binding as if it were both called for and shown. The intent of the drawings and specifications is to establish the scope of all labor, materials, transportation, equipment, and any and all other things necessary to provide a complete job. In case of discrepancy or disagreement in the Contract Documents, the order of precedence shall be: Form of Contract, specifications, large-scale detail drawings, small-scale drawings.

In such cases where the nature of the work requires clarification by the Owner, the Owner shall furnish such clarification. Clarifications and drawings shall be consistent with the intent of the Contract Documents, and shall become a part thereof

4. AS-BUILT MARKED-UP CONSTRUCTION DOCUMENTS

Contractor shall provide one complete set of legible "as-built" marked-up construction drawings and specifications recording any and all changes made to the original design during the course of construction. In the event no changes occurred, submit construction drawings and specifications set with notation "No Changes." The Owner

must receive "As-built" marked-up construction drawings and specifications before the final pay request can be processed.

5. WORKING DRAWINGS AND SPECIFICATIONS AT THE SITE

The Contractor shall maintain, in readable condition at job site one complete set of working drawings and specifications for the work including all shop drawings. Such drawings and specifications shall be available for use by the Owner or Owner's authorized representative.

The Contractor shall maintain at the job site, a day-to-day record of work-in-place that is at variance with the contract documents. Such variations shall be fully noted on project drawings by the Contractor and submitted to the Owner upon project completion and no later than 30 days after acceptance of the project.

6. MATERIALS, EQUIPMENT AND EMPLOYEES

- a. The Contractor shall, unless otherwise specified, supply and pay for all labor, transportation, materials, tools, apparatus, lights, power, fuel, sanitary facilities and incidentals necessary for the completion of Contractors work, and shall install, maintain and remove all equipment of the construction, other utensils or things, and be responsible for the safe, proper and lawful construction, maintenance and use of same, and shall construct in the best and most workmanlike manner, a complete job and everything incidental thereto, as shown on the plans, stated in the specifications, or reasonably implied therefrom, all in accordance with the contract documents.
- b. All materials shall be new and of quality specified, except where reclaimed material is authorized herein and approved for use. Workmanship shall at all times be of a grade accepted as the best practice of the particular trade involved, and as stipulated in written standards of recognized organizations or institutes of the respective trades except as exceeded or qualified by the specifications.
- c. No changes shall be made in the Work except upon written approval and change order of the Owner.
- d. Products are generally specified by ASTM or other reference standard and/or by manufacturer's name and model number or trade name. When specified only by reference standard, the Contractor may select any product meeting this standard, by any manufacturer. When several products or manufacturers are specified as being equally acceptable, the Contractor has the option of using any product and manufacturer combination listed.

- e. However, the Contractor shall be aware that the cited examples are used only to denote the quality standard of product desired and that they do not restrict bidders to a specific brand, make, manufacturer or specific name; that they are used only to set forth and convey to bidders the general style, type, character and quality of product desired; and that equivalent products will be acceptable.
- f. If at any time during the construction and completion of the work covered by these contract documents, the language, conduct, or attire of any workman of the various crafts be adjudged a nuisance to the Owner or if any workman be considered detrimental to the work, the Contractor shall order such parties removed immediately from the site.
- g. The Contractor shall cooperate with the Owner in coordinating construction activities.
- h. The Contractor shall maintain qualified personnel and effective supervision at the site at all times during the project, and exercise the appropriate quality control program to ensure compliance with the project drawings and specifications. The Owner is responsible for determining compliance with the drawings and specifications.

7. CODES, PERMITS AND INSPECTIONS

The Contractor shall obtain the required permits, if required, give all notices, and comply with all laws, ordinances, codes, rules and regulations bearing on the conduct of the work under this contract. If the Contractor observes that the drawings and specifications are at variance therewith, Contractor shall promptly notify the Owner in writing. If the Contractor performs any work knowing it to be contrary to such laws, ordinances, codes, rules and regulations, and without such notice to the Owner, Contractor shall bear all cost arising there from.

All work under this contract shall conform to the current North Carolina Building Code and other state and national codes as are applicable.

8. PROTECTION OF WORK, PROPERTY, THE PUBLIC SAFETY REQUIREMENTS

- a. The Contractor shall be responsible for the entire site and the construction of the same and provide all the necessary protections as required by laws or ordinances governing such conditions and as required by the Owner. Contractor shall be responsible for any damage to the Owner's property or that of others on the job, by Contractor, Contractor's personnel or subcontractors, and shall make good such damages. Contractor shall be responsible for and pay for any claims against the Owner arising from such damages.

- b. The Contractor shall adhere to the rules, regulations and interpretations of the North Carolina Department of Labor relating to Occupational Safety and Health Standards for the Construction Industry (Title 29, Code of Federal Regulations, Part 1926 published in Volume 39, Number 122, Part 11, June 24, 1974 Federal Register), and revisions thereto as adopted by General Statutes of North Carolina 95-126 through 155.
- c. The Contractor shall provide all necessary safety measures for the protection of all persons on the work, including the requirements of the AGC Accident Prevention Manual in Construction as amended, and shall fully comply with all state laws or regulations and North Carolina Building Code requirements to prevent accident or injury to persons on or about the location of the work. Contractor shall clearly mark or post signs warning of hazards existing, and shall barricade excavations and similar hazards. Contractor shall protect against damage or injury resulting from falling materials and he shall maintain all protective devices and signs throughout the progress of the work.

9. SUBCONTRACTS AND SUBCONTRACTORS

The Contractor is, and remains fully responsible for, Contractors own acts or omissions as well as those of any subcontractor or of any employee of either. The Contractor agrees that no contractual relationship exists between the subcontractor and the Owner in regard to the contract, and that the subcontractor acts on this work as an agent or employee of the Contractor.

10. CONTRACTOR-SUBCONTRACTOR RELATIONSHIPS

The Contractor agrees that the terms of these Contract Documents shall apply equally to a Subcontractor as to the Contractor, and the Contractor agrees to take such action as may be necessary to bind each Subcontractor to these terms. The Owner reserves the right to limit the amount of portions of work to be subcontracted as hereinafter specified.

11. CHANGES IN THE WORK AND CLAIMS FOR EXTRA COST

- a. The Owner may have changes made in the work covered by the contract. All extra work shall be executed under conditions of the original contract.
- b. Except in an emergency endangering life or property, no change shall be made by the Contractor except upon receipt of approved change order from the Owner authorizing such change. No claim for adjustments of the contract price shall be valid unless this procedure is followed. Should a claim for extra compensation by the Contractor be denied by the Owner, the Contractor may pursue its claim in accordance with G.S. 143-135.3.

- c. In determining the values of changes, either additive or deductive, Contractors are restricted to the use of the following methods:
 - 1) Where the extra work involved is covered by unit prices quoted in the proposal, or subsequently agreed to by the Contractor and Owner, the value of the change shall be computed by application of unit prices based on quantities, estimated or actual as agreed of the items involved, except in such cases where a quantity exceeds the estimated quantity allowance in the contract by one hundred percent (100%) or more. In such cases, either party may elect to proceed under subparagraph c (2) herein. If neither party elects to proceed under c (2), then unit prices shall apply.
 - 2) The contracting parties shall negotiate and agree upon the equitable value of the change prior to issuance of the change order, and the change order shall stipulate the corresponding lump sum adjustment to the contract price.
- d. Under Paragraph "b" and Methods "c(2)" above, the allowances for overhead and profit combined shall be as follows: all contractors (the single contracting entity (prime), subcontractors(1st tier subs), or their sub-subcontractors (2nd tier subs, 3rd tier subs, etc.) shall be allowed a maximum of 10% on work they each self-perform; the prime contractor shall be allowed a maximum of 5% on contracted work of its 1st tier sub; 1st tier, 2nd tier, 3rd tier, etc. contractors shall be allowed a maximum of 2.5% on the contracted work of their subs. ; Under Method "c(1)", no additional allowances shall be made for overhead and profit. In the case of deductible change orders, under Method "c(2)" and Paragraph (b) above, the contractor shall include no less than five percent (5%) profit, but no allowances for overhead.
- e. The term "net cost" as used herein shall mean the difference between all proper cost additions and deductions. The "cost" as used herein shall be limited to the following:
 - 1) The actual costs of materials and supplies incorporated or consumed as part of the work;
 - 2) The actual costs of labor expended on the project site; labor expended in coordination, change order negotiation, record document maintenance, shop drawing revision or other tasks necessary to the administration of the project are considered overhead whether they take place in an office or on the project site.

- 3) The actual costs of labor burden, limited to the costs of social security (FICA) and Medicare/Medicaid taxes; unemployment insurance costs; health/dental/vision insurance premiums; paid employee leave for holidays, vacation, sick leave, and/or petty leave, not to exceed a total of 30 days per year; retirement contributions; worker's compensation insurance premiums; and the costs of general liability insurance when premiums are computed based on payroll amounts; the total of which shall not exceed thirty percent (30%) of the actual costs of labor;
- 4) The actual costs of rental for tools, excluding hand tools; equipment; machinery; and temporary facilities required for the work;
- 5) The actual costs of premiums for bonds, insurance, permit fees and sales or use taxes related to the work.

Overtime and extra pay for holidays and weekends may be a cost item only to the extent approved by the Owner.

- f. Should concealed conditions be encountered in the performance of the work below grade, or should concealed or unknown conditions in an existing structure be at variance with the conditions indicated by the contract documents, the contract sum and time for completion may be equitably adjusted by change order upon claim by either party made within thirty (30) days after the condition has been identified. The cost of such change shall be arrived at by one of the foregoing methods. All change orders shall be supported by a unit cost breakdown showing method of arriving at net cost as defined above.
- g. Change orders shall be submitted by the Contractor in writing to the Owner for review and approval. The Contractor will provide such proposal and supporting data in suitable format. Delay in the processing of the change order due to lack of proper submittal by the Contractor of all required supporting data shall not constitute grounds for a time extension or basis of a claim. Within fourteen (14) days after receipt of the Contractor's accepted proposal including all supporting documentation required, the Owner, shall prepare the change order and forward to the Contractor for signature
- h. A Change Order, when issued, shall be full compensation, or credit, for the work included, omitted or substituted. It shall show on its face the adjustment in time for completion of the project as a result of the change in the work.

- i. If, during the progress of the work, the Owner requests a Change Order and the Contractor's terms are unacceptable, the Owner, may require the Contractor to perform such work on a time and material basis whereupon the Contractor shall proceed and keep accurately on such form as specified by the Owner, a correct account of cost together with all proper invoices, payrolls and supporting data. Upon completion of the work a Change Order will be prepared with allowances for overhead and profit per paragraph d. above and "net cost" and "cost" per paragraph e. above. Without prejudice, nothing in this paragraph shall preclude the owner from performing or to have performed that portion of the work requested in the Change Order.

12. TERMINATION FOR CONVENIENCE

Owner may at any time and for any reason terminate Contractor's services and work at Owner's convenience, after notification to the Contractor in writing via certified mail. Upon receipt of such notice, Contractor shall, unless the notice directs otherwise, immediately discontinue the work and placing of orders for materials, facilities and supplies in connection with the performance of this Agreement.

Upon such termination, Contractor shall be entitled to payment only as follows: (1) the actual cost of the work completed in conformity with this Agreement; plus, (2) such other costs actually incurred by Contractor as approved by Owner; (3) plus ten percent (10%) of the cost of the balance of the work to be completed for overhead and profit. There shall be deducted from such sums as provided in this subparagraph the amount of any payments made to Contractor prior to the date of the termination of this Agreement. Contractor shall not be entitled to any claim or claim of lien against Owner for any additional compensation or damages in the event of such termination and payment.

13. OWNER'S RIGHT TO DO WORK

If, during the progress of the work, the Contractor fails to prosecute the work properly or to perform any provision of the contract, the Owner, after seven (7) days' written notice sent by certified mail, return receipt requested, to the Contractor, may perform or have performed that portion of the work. The cost of the work may be deducted from any amounts due or to become due to the Contractor, such action and cost of same having been first approved by the designer. Should the cost of such action of the Owner exceed the amount due or to become due the Contractor, then the Contractor shall be liable for and shall pay to the Owner the amount of said excess.

14. REQUESTS FOR PAYMENT

Requests for payment will be submitted by the Contractor to the Currituck County Engineering Department. Requests may not be submitted for work that is not yet complete.

Final payment will be made within forty-five (45) consecutive days after acceptance of the work,

15. MINIMUM INSURANCE REQUIREMENTS

The Contractor shall not commence work until Contractor has obtained all required insurance and verifying certificates of insurance have been approved by the Owner.

These certificates shall document that coverages afforded under the policies will not be cancelled, reduced in amount or coverages eliminated until at least thirty (30) days after mailing written notice, by certified mail, return receipt requested, to the insured and/or Owner of such alteration or cancellation. If endorsements are needed to comply with the notification or other requirements of this article copies of the endorsements shall be submitted with the certificates.

- a. Worker's Compensation and Employer's Liability. The Contractor shall provide and maintain, until final acceptance, workmen's compensation insurance, as required by law, as well as employer's liability coverage with minimum limits of \$100,000.
- b. Commercial General Liability Insurance. Combined single limit no less than \$1,000,000 per occurrence and \$2,000,000 aggregate.
- c. Commercial Automobile Liability. Combined single limit no less than \$1,000,000. Coverage shall include liability for owned, non-owned, and hired automobiles.
- d. Additional Insured. Contractor agrees to endorse the County as Additional Insured on Commercial General Liability and Commercial Automobile Liability.
- e. Certificate Holder. Certificate Holder shall be listed as: County of Currituck, 153 Courthouse Road, Currituck, NC 27929.

16. CLEANING AND RESTORATION OF SITE

The Contractor shall keep the site and surrounding area reasonably free from rubbish at all times and shall remove debris from the site from time to time or when directed to do so by the Owner. Before final inspection and acceptance of the project, the Contractor shall thoroughly clean the site, and completely prepare the project and site for use by the Owner.

At the end of construction, the Contractor shall oversee and implement the restoration of the construction site to its original state.

17. GUARANTEE

The Contractor shall unconditionally guarantee materials and workmanship against patent defects arising from faulty materials, faulty workmanship or negligence for a period of twelve (12) months following the final acceptance of the work and shall replace such defective materials or workmanship without cost to the Owner.

Where items of equipment or material carry a manufacturer's warranty for any period in excess of twelve (12) months, then the manufacturer's warranty shall apply for that particular piece of equipment or material. The Contractor shall replace such defective equipment or materials, without cost to the Owner, within the manufacturer's warranty period.

Additionally, the Owner may bring an action for latent defects caused by the negligence of the Contractor, which is hidden or not readily apparent to the Owner at the time of final acceptance, in accordance with applicable law.

18. TAXES

North Carolina Sales Taxes and Use Tax do apply to materials entering into the Work (N.C. Sales and Use Tax Regulation No. 42, Paragraph A), and such costs shall be included in the bid proposal and contract sum.

Local Option Sales and Use Taxes do apply to materials entering into the Work as applicable (Local Option Sales and Use Tax Act, Regulation No. 57), and such cost shall be included in the bid proposal and contract sum.

19. EQUAL OPPORTUNITY CLAUSE

The non-discrimination clause contained in Section 202 (Federal) Executive Order 11246, as amended by Executive Order 11375, relative to Equal Employment Opportunity for all persons without regard to race, color, religion, sex or national origin, and the implementing rules and regulations prescribed by the Secretary of Labor, are incorporated herein. The Contractors agree not to discriminate against any employees or applicant for employment because of physical or mental handicap in regard to any position for which the employees or applicant is qualified. The Contractor agrees to take affirmative action to employ, advance in employment and otherwise treat qualified handicapped individuals without discrimination based upon their physical or mental handicap in all employment practices.

Specifications

Carova Roads Repair (P0821)

Date Advertised: December 2, 2020

Bids Due: 4:00 p.m. on Wednesday, December 23, 2020

1. Clear and grub right-of-way to 30 feet wide and 13 feet high on the following roads:
 - a. Bass Lane (West of Sandfiddler Road to Ocean Pearl Road) – 2,100 feet
 - b. Pompano Lane (West of Sandfiddler Road to Ocean Pearl Road) – 2,100 feet
 - c. Swan Island Road (South of Bass Lane to Pompano Lane) – 3,830 feet
 - d. Dolphin Lane (Grebe Road intersection to beginning of Plover Court) – 440 feet
 - e. Grebe Road (Dolphin Lane intersection to beginning of Grebe Point) – 420 feet
 - f. Plover Court – 840 feet
 - g. Swan Road (Egret intersection to west end of Swan Road) – 630 feet
 - h. Right-of-way width: 60 feet
 - i. Clearing and grubbing of the road should be as straight as possible from each road end
 - i. Details for each road pathway are shown on plans.
 - ii. Pathway of clearing may be adjusted upon approval from County staff.
 - j. All vegetation and root-matter shall be removed and/or trimmed.
 - k. Heritage trees within the right-of-way may be removed.
 - l. Proper disposal of vegetation and root-matter may be:
 - i. Hauled off site, or
 - ii. Mulched and spread evenly along the sides of the 20-foot-wide roads in the cleared or wooded areas within the right-of-way.
 1. Mulch shall not be placed in front of existing driveways.
 - iii. Burning is not authorized for disposal.
2. Removal and replacement of culverts
 - a. Selected culverts along Bass Lane, Pompano Lane, and Red Snapper Lane shall be removed and properly disposed.
 - b. New culverts shall be reinforced concrete pipe, 18 inch inside diameter.
 - c. Total length of new culverts at each location shall be 24 feet.
 - d. Soil cover over new culverts shall be at least 12 inches.
 - e. Exposed ends of reinforced concrete pipe shall be covered with Class A rip rap.
 - f. Rip rap protection shall be constructed on inlet and outlet of new culverts.
 - g. Area for new culvert shall be dry and free of standing water prior to installation.
 - h. Invert elevations require surveying for culvert placement. Elevations may be adjusted upon approval from County staff.
 - i. Culvert locations - Bass Lane
 - i. Culvert 1 (between Swan Island Road and Ocean Pearl Road)
 1. Inlet invert elevation: 1.83 feet
 2. Outlet invert elevation: 1.74 feet
 - ii. Culvert 2 (between False Cape Road and Swan Island Road)
 1. Inlet invert elevation: 1.15 feet
 2. Outlet invert elevation: 1.00 feet
 - iii. Culvert 3 (between Ocean Sands Road and False Cape Road)

1. Inlet invert elevation: 1.65 feet
 2. Outlet invert elevation: 1.50 feet
 - iv. Culvert 4 (between Carova Road and Ocean Sands Road)
 1. Inlet invert elevation: 2.78 feet
 2. Outlet invert elevation: 2.50 feet
 - v. Culvert 5 (between Sandpiper Road and Carova Road)
 1. Inlet invert elevation: 2.65 feet
 2. Outlet invert elevation: 2.40 feet
 - vi. Culvert 6 (between Sandfiddler Road and Sandpiper Road)
 1. Inlet invert elevation: 2.65 feet
 2. Outlet invert elevation: 2.40 feet
 - j. Culvert Locations - Pompano Lane
 - i. Culvert 7 (between Swan Island Road and False Cape Road)
 1. Inlet invert elevation: 1.83 feet
 2. Outlet invert elevation: 1.74 feet
 - ii. Culvert 8 (between False Cape Road and Ocean Sands Road)
 1. Inlet invert elevation: 1.15 feet
 2. Outlet invert elevation: 1.00 feet
 - k. Culvert Location - Red Snapper Lane
 - i. Culvert 9 (between West Swordfish Crescent and Ocean Pearl Road)
 1. Inlet invert elevation: 3.60 feet
 2. Outlet invert elevation: 3.30 feet
 1. If desired, installation of additional culvert(s) with inlet and outlet protection may be request at other locations designated by County Staff.
3. Excavate sand material within the right-of-way of Sandfiddler Road and Pompano Lane and fill, spread, and grade 50 fill sections with sand material
 - a. 1,730 cubic yards of sand material is to be excavated from the cut sections identified in Paragraph 3.h. and 3.i. and to be used as fill material for the 50 fill sections identified in Paragraph 3.m. through 3.s. The 50 fill sections are low spots within the right-of-way and require a calculated volume of 1,730 cubic yards of fill material.
 - b. The total estimated material volume from the cut sections identified in Paragraph 3.h. and 3.i. is 3,046 cubic yards and is based on the available material from those sections. The remaining 1,316 cubic yards of sand material may be used to fill voids that are created by the removal of vegetation and root-matter from the work outlined in Paragraph 1. Fill, spread, and grade of additional sand material for voids may be completed upon approval from County staff.
 - c. County staff will complete field measurements of cut sections to verify contractor's cut volumes.
 - d. This work includes hauling of material between cut sections and fill sections.
 - e. Vegetation shall be removed where cut section occurs and shall be properly disposed as outline in Paragraph 1.l.
 - f. Right-of-way width: 60 feet
 - g. Horizontal measurements for each cut section on the Sandfiddler Road cross sections start at the east edge of right-of-way.

- h. Sandfiddler Road cut sections:
 - i. Cut Section #1
 - 1. Road elevations are relative to the 'center of existing road' at Cross Section A-A'.
 - 2. Material to be cut to the edges of the right-of-way.
 - 3. Finish side slope of 3:1 shall be to the edge of right-of-way.
 - 4. Estimated material volume: 889 cubic yards.
 - ii. Cut Section #2
 - 1. Road elevations are relative to the center of the existing road elevation for each cross section.
 - 2. Cut to occur on the west side of right-of-way.
 - 3. Cut will begin 5 feet from edge of right-of-way.
 - 4. Finish side slope shall be 3:1.
 - 5. Estimated material volume: 141 cubic yards
 - iii. Cut Section #3
 - 1. Road elevations are relative to the center of the existing road elevation for each cross section.
 - 2. Cut will begin 5 feet from edge of right-of-way.
 - 3. Finish side slope shall be 2:1.
 - 4. Estimated material volume: 1,162 cubic yards
 - iv. Cut Section #4
 - 1. Existing mound on eastern side of right-of-way in front of 2289/2291 Sandfiddler Road.
 - 2. Depth of cut shall be to the existing grade surrounding the mound.
 - 3. Estimated material volume: 63 cubic yards
 - v. Cut Section #5
 - 1. Road elevations are relative to the center of the existing road elevation for each cross section.
 - 2. Cut will begin 5 feet from edge of right-of-way.
 - 3. Finish side slope shall be 3:1.
 - 4. Estimated material volume: 183 cubic yards
 - vi. Cut Section #6
 - 1. Road elevations are relative to the center of the existing road elevation for each cross section.
 - 2. Cut will begin 10 feet from edge of right-of-way.
 - 3. Finish side slope shall be 3:1.
 - 4. Estimated material volume: 120 cubic yards
- i. Pompano Lane cut section
 - i. Location of cut is from the center of Sandfiddler Road intersection to the adjacent side of 2347 Sandpiper Road.
 - ii. Depth of cut shall be from the identified high point down to the existing elevations at the Sandfiddler Road intersection and Pompano Lane.
 - iii. Material to be cut to the edges of the right-of-way.
 - iv. Where applicable, finish side slope shall be 3:1.
 - v. Estimated material volume: 488 cubic yards

- j. Cut sand material from Paragraph 3.f. and 3.g. shall be spread evenly and graded in the 50 sections identified in Paragraph 3.k. through 3.q.
- k. Sections for fill shall be dry and free of standing water prior filling with material.
- l. Excess material remaining from road grading work may be used for low areas on other roads associated with this project.
 - i. No excess material shall remain on side of road or shoulder.
- m. Bass Lane fill sections
 - i. Fill Section 1 (Station 1+82 to 2+21)
 - 1. Volume: 11 cubic yards
 - ii. Fill Section 2 (Station 2+90 to 3+28)
 - 1. Volume: 19 cubic yards
 - iii. Fill Section 3 (Station 3+50 to 3+84)
 - 1. Volume: 9 cubic yards
 - iv. Fill Section 4 (Station 3+98 to 4+40)
 - 1. Volume: 18 yards
 - v. Fill Section 5 (Station 5+32 to 5+75)
 - 1. Volume: 11 yards
 - vi. Fill Section 6 (Station 5+84 to 6+23)
 - 1. Volume: 14 yards
 - vii. Fill Section 7 (Station 7+35 to 7+70)
 - 1. Volume: 12 yards
 - viii. Fill Section 8 (Station 8+97 to 9+40)
 - 1. Volume: 17 yards
 - ix. Fill Section 9 (Station 9+48 to 9+90)
 - 1. Volume: 17 yards
 - x. Fill Section 10 (Station 9+97 to 10+41)
 - 1. Volume: 15 yards
 - xi. Fill Section 11 (Station 10+62 to 11+07)
 - 1. Volume: 23 yards
 - xii. Fill Section 12 (Station 11+65 to 12+09)
 - 1. Volume: 18 yards
 - xiii. Fill Section 13 (Station 12+28 to 12+71)
 - 1. Volume: 10 yards
 - xiv. Fill Section 14 (Station 12+71 to 13+28)
 - 1. Volume: 41 yards
 - xv. Fill Section 15 (Station 13+88 to 14+48)
 - 1. Volume: 34 yards
 - xvi. Fill Section 16 (Station 15+08 to 15+58)
 - 1. Volume: 31 yards
 - xvii. Fill Section 17 (Station 15+58 to 16+01)
 - 1. Volume: 14 yards
 - xviii. Fill Section 18 (Station 16+16 to 16+64)
 - 1. Volume: 36 yards
 - xix. Fill Section 19 (Station 16+75 to 17+50)
 - 1. Volume: 60 yards
 - xx. Fill Section 20 (Station 18+37 to 19+60)

- 1. Volume: 156 yards
- xxi. Fill Section 21 (Station 20+20 to 20+65)
 - 1. Volume: 39 yards
- n. Pompano Lane fill sections
 - i. Fill Section 22 (between Carova Road and Sandpiper Road)
 - 1. Volume: 30 cubic yards
 - ii. Fill Section 23 (between Ocean Sands Road and Carova Road)
 - 1. Volume: 15 cubic yards
 - iii. Fill Section 24 (between False Cape Road and Ocean Sands Road)
 - 1. Volume: 45 cubic yards
 - iv. Fill Section 25 (east of False Cape Road intersection)
 - 1. Volume: 40 cubic yards
 - v. Fill Section 26 (between False Cape Road and Swan Island Road)
 - 1. Volume: 65 cubic yards
 - vi. Fill Section 27 (between Swan Island Road and Ocean Pearl Road)
 - 1. Volume: 20 cubic yards
- o. Swan Island Road fill sections
 - i. Fill Section 28 (Station 0+40 to 0+80)
 - 1. Volume: 17 cubic yards
 - ii. Fill Section 29 (Station 0+90 to 1+26)
 - 1. Volume: 15 cubic yards
 - iii. Fill Section 30 (Station 1+40 to 2+13)
 - 1. Volume: 75 cubic yards
 - iv. Fill Section 31 (Station 2+41 to 2+76)
 - 1. Volume: 9 cubic yards
 - v. Fill Section 32 (Station 3+23 to 3+60)
 - 1. Volume: 16 cubic yards
 - vi. Fill Section 33 (Station 3+91 to 4+23)
 - 1. Volume: 15 cubic yards
 - vii. Fill Section 34 (Station 6+86 to 7+38)
 - 1. Volume: 17 cubic yards
 - viii. Fill Section 35 (Station 8+75 to 9+25)
 - 1. Volume: 19 cubic yards
 - ix. Fill Section 36 (Station 9+50 to 10+00)
 - 1. Volume: 19 cubic yards
 - x. Fill Section 37 (Station 10+42 to 11+04)
 - 1. Volume: 33 cubic yards
 - xi. Fill Section 38 (Station 11+31 to 11+94)
 - 1. Volume: 25 cubic yards
 - xii. Fill Section 39 (Station 13+65 to 14+13)
 - 1. Volume: 36 cubic yards
 - xiii. Fill Section 40 (Station 15+32 to 15+91)
 - 1. Volume: 50 cubic yards
 - xiv. Fill Section 41 (Station 18+58 to 19+29)
 - 1. Volume: 72 cubic yards
 - xv. Fill Section 42 (Station 19+92 to 20+41)

- 1. Volume: 30 cubic yards
 - xvi. Fill Section 43 (Station 20+81 to 21+80)
 - 1. Volume: 56 cubic yards
 - xvii. Fill Section 44 (Station 24+92 to 25+43)
 - 1. Volume: 41 cubic yards
 - p. Red Snapper Lane fill section
 - i. Fill Section 45 (between W. Swordfish Crescent and Ocean Pearl Road)
 - 1. Volume: 15 cubic yards
 - q. Grebe Road fill section
 - i. Fill Section 46 (between Dolphin Lane and Grebe Point)
 - 1. Volume: 20 cubic yards
 - r. Plover Court fill sections
 - i. Fill Section 47 (south side of road)
 - 1. Volume: 100 cubic yards
 - ii. Fill Section 48 (end of cul-de-sac)
 - 1. Volume: 50 cubic yards
 - s. Swan Road fill sections
 - i. Fill Section 49 (between Egret Place intersection and middle of Swan Road)
 - 1. Volume: 160 cubic yards
 - ii. Fill Section 50 (near west end of Swan Rd)
 - 1. Volume: 20 cubic yards
4. Widen roads to a width of 20 feet on the roads identified in Paragraph 1 above.
- a. Road widening should be as straight as possible from each road end and generally take place along the centerline of the 30-foot-wide clearing grubbing pathway.
 - i. Details for each road widening pathway are shown on plans.
 - ii. Pathway of widening may be adjusted upon approval from County staff.
 - b. Roads shall be graded and smooth with no potholes or ruts.
 - c. Roads shall be crowned at the centerline with 2% slope outwards.
 - i. Sand material may be pulled from the sides to form the crown but shall not form depressions/swales deeper than 12 inches with 3:1 side slope. Depressions/swales shall not extend beyond the 30-foot clearing width.
 - d. Remove any remaining organic material and root matter.
 - i. Disposal of organic and root matter shall be in same manner as outlined in Paragraph 1.1.
 - e. Excess sand material shall not be piled on side of road or shoulder. Excess material remaining from road grading work may be used for low areas on other roads associated with this project.
5. Contractor is responsible for locating and/or marking property boundaries to ensure work is within the right-of-ways.
6. Contractor is responsible for locating utilities.

7. Contractor shall implement traffic control measures for vehicular traffic, to include but not limited to: warning signs, flagmen, road cones, barrels.
 - a. Detours may need to be established to allow flow of public traffic

“Bid/Construction” Plans, Currituck County Engineering Department, November 24, 2020