

ADVERTISEMENT FOR BID

PROJECT: CR337 Culvert Replacement

OWNER: Board of County Commissioners of Gilchrist County
209 SE 1st Street
Trenton, Florida 32693

ENGINEER: Locklear & Associates, Inc.
210 SW 4th Avenue
Gainesville, Florida 32601
Telephone: (352) 240-6285

WORK DESCRIPTION

The Project is located in Gilchrist County, Florida, along CR337 near Bell, Florida.

The Work is generally described as furnishing all labor, materials, equipment, tools, transportation, services and incidentals necessary for the removal and replacement of two double-barrel 24” reinforced concrete pipes (RCPs). The bid shall be for the removal and replacement of the RCPs, backfilling pipe bedding, subbase LBR 40, base LBR 100, and asphalt structure course.

All work shall be in accordance with the construction drawings, specifications, and contract documents.

The total contract time for this project is 120 calendar days (including approximately 45 days from substantial completion to project closeout), including County observed holidays. At the Pre-Construction Conference, Contractor shall submit a schedule for performing the work and road closure requests. The schedule shall be within the contract time allotted for this project and shall include tentative dates of performance. The successful bidder shall start work on this project within 15 calendar days after a Notice to Proceed.

Bidding and contract documents in pdf format may be obtained from:

Locklear & Associates, Inc.
210 SW 4th Avenue
Gainesville, Florida 32601
Telephone: (352) 240-6285

To assure that Bidders receive all addenda and or clarifications to the Bid Documents in a timely manner, it is mandatory that all bidders obtain at least one set of Bid Documents from the Engineer to be eligible to bid on this project. Copies of the documents may be obtained from the Engineer’s office, a PDF version via email at no cost. Call (352) 240-6285 for further details to obtain a set of Contract Documents.

Bids shall be completed on the enclosed Bid Form as and otherwise be in compliance with the Bidding Documents. Sealed bids shall be labeled “CR337 Culvert Replacement” and will be received at:

Office of the County Administrator, Gilchrist County
209 SE 1st Street
Trenton, Florida 32693

until **2:00 P.M. (local time) on Tuesday, September 17, 2024**, at which time and place all bids will be opened. Any Bids received after the specified time and date will not be considered. Only prospective bidders on the Engineer's plan holder's list may submit a bid.

A **non-mandatory pre-bid conference** will be held on **Thursday August 29th, 2024, at 1:30 pm** at:

Project Site CR337
Cross Pipe
Replacement North
N:229457.89
E:2531790.25

The last day for questions will be Friday September 6th, 2024, at 5:00 pm.

For further information or clarification, contact Mary C. Jensen, P.E. at (352) 240-6285 or mary@locklearconsulting.com.

The Board of County Commissioners of Gilchrist County reserves the right to waive any informalities, reject any or all Proposals, or to re-advertise.

CULVERT REPLACEMENT REFERENCED SPECIFICATIONS

REFERENCED FDOT SPECIFICATIONS

I. The referenced Florida Department of Transportation Standard Specifications that apply to this project include the following sections along with sections referenced within these sections:

- 100 Construction Equipment
- 101 Mobilization
- 102 Maintenance of Traffic
- 104 Prevention Control, and Abatement of Erosion and Water Pollution
- 110 Clearing and Grubbing
- 120 Excavation and Embankment
- 125 Excavation for Structures and Pipe
- 200 Rock Base
- 290 Granular Subbase
- 300 Prime and Tack Coats
- 320 Hot Bituminous Mixtures – Plant Methods and Equipment
- 330 Hot Mix Asphalt – General Construction Requirements
- 334 Superpave Asphalt Concrete
- 430 Pipe Culverts
- 449 Precast Concrete Drainage Products
- 570 Performance Turf
- 911 Base and Stabilized Base Materials

- A. Where the referenced FDOT Specifications cite "the Department", this shall be modified to "the Owner and/or the Engineer" by this contract.
- B. Payment for this project is in accordance with the Bid Form. The FDOT sections defining the Basis of Payment shall be applied when unit prices are invoked per the Bid Form.
- C. Additional requirements superseding the applicable portions of the above FDOT Standard Specifications are provided in the subsequent sections of these Technical Specifications.
- D. An original certified report shall be submitted for all material testing requirements referenced in the FDOT Standard Specifications.

II. Deviations from FDOT Pavement Testing Requirements

- A. Two original certified reports shall be submitted for asphalt lots based on the Master Production Range Table.

Master Production Range	
Characteristic	Tolerance (1)
Asphalt Binder Content (%)	Target ± 0.55
Passing No. 8 [2.36 mm] Sieve (%)	Target ± 5.50
Passing No. 200 [75 μm] Sieve (%)	Target ± 1.50
Air Voids (%)	4.00 ± 1.50
Density, %Gmm (2)	
Coarse Graded (minimum)	93.00
Fine Graded (minimum)	90.00
(1) Tolerances for sample size of n = 1 from the verified mix design	
(2) Based on an average of 5 randomly located cores	

- B. Contractor shall supply an approved mix design as per FDOT Section 334-3
- C. For compacting mixture, the contractor shall use FDOT Section 330-7.
- D. The Contractor shall provide the Engineer with asphalt density reports based on one randomly located core per day's production.
- E. Protection of Final surface shall be per FDOT Section 330-10.
- F. The Engineer reserves the right to test any portion of the roadway at anytime.
- G. Asphalt spread rates, tack and temperature will be kept by the person responsible for quality control, and may be checked by the project's resident observer at anytime.

III. Additional Environmental Requirements

- A. Protection of Natural Resources
 - 1. General: It is intended that the natural resources within the project boundaries and outside the limits of permanent work performed be preserved in their existing condition or be restored to an equivalent or improved condition, as determined by the Engineer, upon completion of the work. The Contractor shall confine his construction activities to areas defined by the work schedule, Drawings, and these Specifications.
 - 2. Land Resources: Except in areas indicated to be cleared, the Contractor shall not remove, cut, deface, injure, or destroy trees or shrubs. No ropes, cables, or guys shall be fastened to or attached to any existing trees for anchorages unless specifically authorized

by the Engineer. Where such special emergency use is permitted, the Contractor shall be responsible for any damage resulting from such use.

- a. The Contractor shall include in the environmental protection plan the steps for protecting existing trees which are to remain and which may be injured, bruised, defaced, or otherwise damaged by construction operations. Rocks that are displaced into uncleared areas shall be removed and disposed of by the Contractor.
- b. Repair or Restoration: All trees or other landscape features scarred or damaged by the Contractor's equipment or operations shall be repaired and/or restored to their original condition at the Contractor's expense. The Engineer shall approve the repair and/or restoration prior to its initiation and upon completion.
- c. Temporary Construction: The Contractor shall obliterate all signs of temporary construction facilities such as haul roads, work areas, structures, foundations of temporary structures, stockpiles of excess or waste materials, and all other vestiges of construction. Temporary roads, parking areas, and similar temporary use areas shall be graded in conformance with surrounding areas and shall be tilled and sodded, unless within areas specified to be otherwise landscaped or developed. Sodding shall include topsoil and/or nutriment as necessary to establish a suitable stand of grass.

3. Water Resources

- a. All work under this contract shall be performed in such a manner that any adverse environmental impact to water resources, where applicable, is reduced to a level that is acceptable to the applicable environmental agencies and the Owner.
- b. Oily and Hazardous Substances: Special measures shall be taken at all times to prevent oily and/or other hazardous substances from entering the ground, drainage areas, or bodies of water. Environmental requirements for the prevention of oil spill are contained in EPA 40 CFR 112.

4. Fish and Wildlife Resources: The Contractor shall at all times perform all work and take such steps required to prevent any interference or disturbance to fish and wildlife. The Contractor will not be permitted to alter water flows or otherwise significantly disturb native habitat adjacent to the project area which are critical to fish and wildlife, except as may be indicated or specified.

5. Historical and Archaeological Resources: All items having any apparent historical or archaeological interest which are discovered in the course of any construction activities shall be carefully preserved and reported immediately to the Owner and the Engineer for determination of actions to be taken.

B. Control and Disposal of Solid, Hazardous, and Sanitary Wastes

1. General: Wastes generated by the Contractor shall be picked up and placed in containers provided by the Contractor which are emptied on a regular schedule at the

expense of the Contractor. All handling and disposal shall be so conducted as to prevent contamination of the site and any other areas. On completion, the areas shall be left clean and natural looking. All signs of temporary construction and activities incidental to construction of the required permanent work in place shall be obliterated.

2. Disposal of Rubbish and Debris: The Contractor shall dispose of all waste in a manner that complies with federal, state, and local requirements. The Contractor shall have a copy of state and/or local permit or license that reflects such agency's approval and his compliance with their solid waste disposal regulations. All waste material generated by the Contractor shall be disposed of off site at a permitted disposal facility at the expense of the Contractor. The Contractor shall provide the permit or license and the location of the disposal area used by the Contractor to the Engineer prior to transportation and disposal of any material.

3. Sewage, Odor, and Pest Control: Sewage shall be disposed of through connection to municipal, district, or station sanitary sewerage systems. No substances shall be disposed of to a sewerage system that will interfere with treatment plant operation, in accordance with EPA 40 CFR 403. Where such systems are not available, chemical toilets or comparably effective units shall be used with wastes periodically emptied into municipal, district, or station sanitary sewerage systems. Provisions shall be made for pest control and elimination of odors.

4. Hazardous Waste: Hazardous waste shall be handled, stored, manifested, and disposed of in accordance with federal, state, and local regulations. All hazardous waste generated on an activity must be identified as being generated under the activity "EPA Hazardous Waste Generator Number" for manifesting purposes.

- C. Dust Control: Dust shall be minimized at all times, including nonworking hours, weekends, and holidays. Soil at the site, haul roads, and other areas disturbed by the Contractor's operations shall be sprinkled or treated with water, as necessary, to control dust.
- D. Noise: The maximum use of "low-noise-emission products" as certified by the EPA shall be made when available. No blasting or use of explosives will be permitted.

IV. As-Builts

- A. As-builts are required
- B. As-builts to show new culvert dimensions, including invert elevations and ditch line
- C. Contractor to re-set disturbed survey monuments
- D. As-built drawings are to include all original drawing sheets and new mark-ups.

BID SCHEDULE

CULVERT REPLACEMENT

FDOT NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST
ENGINEERING SERVICES					
	AS-BUILTS	LS	1		
CONSTRUCTION SERVICES					
101-1	MOBILIZATION	LS	1		
102-1	MAINTENANCE OF TRAFFIC	LS	1		
104	PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION	LS	1		
110-1-1	CLEARING & GRUBBING	LS	1		
MATERIALS					
430-175-124	REINFORCED CONCRETE PIPE, 24"	LF	178		
430-982-129	CONCRETE MITERED END SECTION, 24", 4:1	EA	8		
120-6-107	EMBANKMENT, SPECIFIED A-3 SOIL	CY	242		
160-4	TYPE B STABILIZATION LBR 40	SY	164		
285-7-09	OPTIONAL BASE, BASE GROUP 09	SY	103		
334-1-12	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B	TN	17		
570-1-1	PERFORMANCE TURF-SOD	SY	82		

TOTAL OF BASE BID: _____

_____ \$ _____
 (use words) (figures)