

**FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT TWO
ADVERTISEMENT FOR
DESIGN BUILD – LOW BID**

**CONTRACT NUMBER: E2N65
FEDERAL PROJECT NUMBER: ARRA 040 B
FINANCIAL PROJECT NUMBER: 42639715201**

PROJECT NAME

The Florida Department of Transportation (Department) has issued this Request for Proposal (RFP) to solicit competitive bids and proposals from Proposers for paved shoulder construction on NW 115th Street (State Road 320) from Manatee Springs State Park Entrance east to US 19 (State Road 55) and other associated work in Manatee Springs State Park in Chiefland, Levy County.

DESCRIPTION OF WORK

The Department, under separate contract, previously produced final plans for the resurfacing of SR 320 from the Manatee Springs State Park Entrance east to US 19 (SR 55) (FPI No. 210292-2-52-01). As-Builts and Microstation design files from this referenced resurfacing project will be provided as attachments to this RFP for informational purposes only. All station limits in this RFP are taken from these resurfacing plans. The Design Build Firm, as Engineer of Record, however; is responsible for providing final approved construction documents to the Department.

This project consists of 3 tasks as follows:

Task 1

Along both sides of SR 320 from station 74+70 to station 368+00 construct a 7' paved shoulder; and, along both sides of SR 320 from station 368+00 to station 377+55 construct a 5' paved shoulder, for a total length of 5.74 miles. Both of these areas will include the work items listed below.

Erosion Control - Clear & grub, layout silt fence, layout synthetic bales.

Drainage – As needed remove and install side drain mitered end sections, and install ditch bottom inlets. Layout performance turf sod around drainage structure end treatments.

Roadway – Before construction, this project will require a design variance for the concrete strain pole in the southwest quadrant of the intersection of CR 341 and SR 320 and a design exception for a utility pole located west of NW 75th on the south side of SR 320. Any mailboxes

that conflict with the paved shoulder construction will, if possible be relocated. If they cannot be relocated a new mailbox will be installed per FDOT Index 532. Where any pedestrian drop-offs are encountered, a 54" aluminum pedestrian/bicycle railing will be installed per FDOT Index 860. When shoulders cross driveways asphalt pavement must tie down to existing grade in accordance with FDOT Index 515. All begin/end side streets shall be left as is with paved shoulder keyed into side streets. Shoulder will be paved as follows: 12" Type B Stabilization LBR-40, 4" Optional Base Group Type 1, 1.5" Asphaltic Concrete Friction Course, Traffic Level C, FC-12.5, Rubber. Regrade ditches. Layout performance turf sod for shoulder. For further detail see Attachment E conceptual typical sections.

Signing & Pavement Marking – Please refer to the MUTCD and FDOT Design Standards. Final pavement marking for the 5' paved shoulder will include removal of the existing stripe and replacement with a 6" solid white stripe along the edge of pavement. The 7' paved shoulder marking will include removal of the existing stripe and replacement with a 6" solid white stripe along the edge of pavement, plus another 6" solid white stripe running parallel 2' outside the edge of pavement. Place 12" solid white chevrons with white-red RPM's between both 6" solid white stripes, and space them 20' apart. When the 7' paved shoulder passes driveways there will be 2-6" solid standard white stripes, skipped 2' - 4'. Bicycle lane arrow and bike symbols will be spaced at 1320' for rural facilities. For further detail see Attachment C conceptual signing and pavement marking plan.

Maintenance of Traffic – Shall follow FDOT Design Standard Indexes.

Task 2

A 90' diameter turnaround will be built along SR 320 from approximately station 73+60 to station 75+00.

This work will be kept at a minimum of 25' east of the Manatee Springs stone park entrance. Construction required will be clearing, grading, storm sewer modification, and pavement overbuild on the existing road that will key in with the new pavement construction for the turnaround. Existing drainage patterns will be maintained and properly conveyed during and after construction. The pavement overbuild will include no more than 1.5" Asphaltic Concrete Friction Course, Traffic C, FC-12.5, Rubber, while the new pavement construction will be as follows: 12" Type B Stabilization LBR-40, 5" Optional Base Group Type 6 (Type B-12.5), 1.5" Superpave Asphaltic Concrete, Traffic Level C, and 1.5" Asphaltic Concrete Friction Course, Traffic Level C, FC-12.5, Rubber. This construction may require the removal of several trees on the north side of the road (laurel oak and sweetgum) and possible fence modification. Removal of trees will be confirmed and approved by the Park Manager prior to construction.

Asphalt will be used to fill in an excessive drop off at Manatee Springs Park Entrance between the electric gates from station 73+25 to station 73+35. This work will require milling of the existing friction course at an average depth of 1.5" with no disturbance of base and replace with new pavement structure of up to a 1.5" Asphaltic Concrete Friction Course, Traffic Level C,

FC-12.5, Rubber. Design/Build firm should beware of existing electric wire underneath the pavement at this location.

Task 3

Asphalt pavement will be constructed at various turnout entrances and an entire dirt road within Manatee Springs Park.

A total of 7 dirt/limerock base turnout entrances will be constructed with asphalt pavement (or a permeable pavement surface, if possible). These entrances are signed as: “**Campground Magnolia Loop**”, “**Campground Hickory Loop**”, “**Youth Area Camp**”, “**North End Trail System Parking**”, two are signed as “**Restricted Area Service Vehicles Only**”, and the last one just west of the park entrance is signed “**Do Not Block Driveway**”. In addition, the entire road with the sign titled, “**Holding Tank Dump Station Registered Campers Only**” will be paved with asphalt. All of the existing entrances are dirt, except the entrances with signs titled “**Do Not Block Driveway**”, and “**Holding Tank Dump Station Registered Campers Only**”. They were both constructed with limerock base. Proposed Pavement structure will include 12” Type B Stabilization LBR-40, 4” Optional Base Group 1 (Type B-12.5), and 1” Superpave Asphaltic Concrete, Traffic Level B. Note all pavement constructed within the FEMA floodplain and/or floodway must be at or below the existing grade.

Design/Build Firm will be required to clear and fill along the road edge in Manatee Springs State Park where the drop off is greater than 3 inches. The fill will be graded at a cross slope of 0.06 with a minimum unpaved shoulder width of 3.5’. As is necessary, tie down the front slope at 1:4 (H:V) to existing ground. Cover with performance turf (Bermuda sod). All fill placed within the 100-year floodplain is required to be compensated for at some location within the 100-year floodplain, unless calculations can be provided to show negligible impacts to storage.

The Suwannee River Water Management District (SRWMD) has issued a permit exemption for the shoulder/bike lane additions along SR 320 from the park entrance to US 19 (SR 55) (See Attachment G). Work included in Tasks 2 and 3 (described above) will only be performed if a General Permit is issued. No stormwater treatment will be allowed within the boundaries of the park. Design/Build Firm is required to obtain any necessary permits within the project limits.

AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009

This project is funded through the American Recovery and Reinvestment Act of 2009 (ARRA). Sections 1201 and 1512 of the American Recovery and Reinvestment Act require states to fulfill employment reporting obligations for each ARRA funded project. The Design/Build Firm on each ARRA project will provide the initial employment reporting information within five calendar days after the notice to proceed is issued by the Department. Thereafter, the reporting information will be due on a monthly basis on or before the 10th of each month until completion of the contract. Design/Build Firms are required to provide the necessary employment information (employees, hours, and payroll wages) for their own workforce as well as the workforce of all subcontractors that are active on their ARRA funded project(s) for the reporting month. FDOT has automated the form which will be used to collect employment information. The prime contractor can access FDOT’s ARRA Employment Reporting System from the following website:

www2.dot.state.fl.us/ARRAEmploymentReporting.

Failure to timely report the required information may be cause for rejection of the monthly invoice for contract payment. Please refer to the informational brochure available at the following link, which provides summary information on the employment reporting requirements for ARRA:

<http://www.dot.state.fl.us/inspectorgeneral/ARRA/ARRABrochureFinalVersion.pdf>.

Additional training information on ARRA employment reporting can also be accessed at:

<http://www.dot.state.fl.us/inspectorgeneral/ARRA.shtm>.

Another critical reporting component is a requirement for prime consultants/contractors to have a Dun and Bradstreet (DUNS) number. This is a unique nine-digit firm identification number issued by Dun & Bradstreet. It is not the same as a firm's Tax ID Number. Design/Build Firms who don't already have a DUNS number can register for it thru the following website: <http://www.dnb.com/us/> Design/Build Firms who do not already have a DUNS number should begin the application process. According to the D&B website, it takes a minimum of 30 business days for a new D&B DUNS Number to be processed.

DESIGN BUILD TEAM REQUIREMENTS:

The Contractor and Design professionals cannot be on more than one team. The secondary member (i.e., designer or contractor) of the design build team cannot change, after award, without the written approval of the District Secretary.

A professional firm shall not submit a proposal for Construction Engineering and Inspection (CEI) services, either as a Prime or a Sub, for a Design-Build contract for which the same firm or its affiliate is the Engineer of Record (EOR) or is Sub to the EOR.

A consultant firm, its affiliate, or sub consultant that is under contract with the Department to develop the Request for Proposal for a Design Build contract cannot be part of a Design Build Team proposing on that contract as a prime or a sub consultant. A consultant firm, its affiliate, or sub consultant, that is under contract with the Department to provide Construction Engineering and Inspection (CEI) services on the Design Build contract cannot be part of a Design Build Team proposing on that contract as a prime or sub consultant.

PREQUALIFICATION:

Pre-qualification requirements for Design Build Advertisements for the contractor and design professional members of the Design Build team must be in accordance with the following (***Rule Chapter 14-91 F.A.C.***).

(1) Contractors submitting as a lead or primary party with the design build team must be qualified in the advertised construction contractor work classes, in accordance with the provisions of ***Rule Chapter 14-22, F.A.C.*** In this case, where the design professional is not the lead of the design-build team, the design professional will be utilized to meet the professional consultant work type requirements, in accordance with provisions of ***Rule 14-75, F.A.C.***

(2) Design professionals submitting as lead of the design-build team may utilize subcontractors to meet the advertised construction contractor work class requirements, in accordance with the provisions of ***Rule Chapter 14-22, F.A.C.*** In this case, the lead design professional will meet the professional consultant work type requirements, in accordance with provisions of ***Rule 14-***

75, F.A.C.

(3) When a joint venture party submits a Letter of Interest, one of the contractor members of the joint venture party must be assigned to meet the advertised construction contractor work class requirements, in accordance with the provisions of **Rule Chapter 14-22, F.A.C.** In this case, the design professional member of the team will be utilized to meet the professional consultant work type requirements, in accordance with provisions of **Rule 14-75, F.A.C.**

RESPONSE PROCEDURE:

Prequalified firms interested in being considered for the project should request a project package (Project Criteria and Request for Proposal) by submitting the fax request form found on the District Two District Contracts website located at: <http://www.dot.state.fl.us/contractsadministrationdistrict2>.

RESPONSE DUE DATE:

Bid proposals with technical proposals will be due to the District Contracts Office on September 16, 2009 on or before 2:00 p.m. No late bids with technical proposals will be accepted after the 2:00 p.m. deadline of the bid due date.

SELECTION PROCEDURE:

Firms shall submit a bid proposal and a technical proposal. All bids will be opened and the technical proposal of the lowest bidder shall be evaluated by the FDOT to determine if it is responsive and responsible. If the proposal is deemed non-responsive or non responsible, the technical proposal of the next lowest bidder will be evaluated. The Department shall reserve the right to reject any and all proposals and waive minor proposal irregularities.

DBE REQUIREMENTS:

The Florida Department of Transportation (hereinafter referred to as the "Department"), in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 USC 2000d to 2000d-4 and related authorities and Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the U.S. Department of Transportation issued pursuant to such Act, hereby notifies all bidders that the Department will affirmatively ensure that in any contract entered into pursuant to this advertisement, minority business enterprises and disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this invitation. Further, the Department will not discriminate against bidders on the grounds of race, color, national origin, sex, age, or disability/handicap in consideration for an award. No company will be awarded a contract unless they have an approved DBE Affirmative Action Program Plan. **Please review the "DBE Bid Package" and the Special Provisions for instructions for submission of a DBE Affirmative Action Plan.**

FINANCIAL MANAGEMENT NUMBER: 42639715201

FEDERAL PROJECT NUMBER: ARRA 040 B

SELECTION PROCEDURE: LOW BID TYPE

RESPONSE REQUESTED: BID PROPOSAL

PREQUALIFICATION REQUIREMENTS:

Contractor Team Member must be qualified under Rule, 14-22

Florida Administrative Code- Work Class(s):

Grading, Flexible Paving, and Hot Plant Mix

Professional Team Member Qualified under Rule 14-75, F.A.C. - Work Classes:

3.1 Minor Highway Design

TECHNICAL QUESTIONS SHOULD BE ADDRESSED TO:

Prior to letting, direct questions through:

<http://www2.dot.state.fl.us/construction/bidquestionmain.asp>. Bidders shall take responsibility to review and be familiar with all questions and responses posted on this website up through 2 business days prior to the bid opening and to make any necessary adjustments in the proposal accordingly.

BONDING REQUIREMENTS:

Firms submitting bids will be required to provide a 5% bid bond for each bid in excess of \$150,000.00.

The legal entity contracting with the Department will be required to provide the Department a performance and payment bond in the amount of the bid. The successful firm will be required to maintain in effect throughout the life of the contract a performance and payment bond for 100% of the contract amount. The Surety Company must be authorized to do business in the State of Florida.

The legal entity contracting with the Department must provide project specific Professional Liability Insurance covering errors and omissions in the amount of \$1,000,000 unless each team member providing professional services carries and maintains blanket Professional Liability Insurance covering errors and omissions in the amount of \$1,000,000. Project specific insurance is insurance covering only this project. Blanket insurance is insurance that covers all projects. The awarded contractor will be required to provide certificates of Insurance for General Liability, Auto's and Worker's Compensation. For GENERAL LIABILITY INSURANCE, the description area MUST state that the State of Florida Department of Transportation is endorsed as an additional insured. For GENERAL LIABILITY INSURANCE, THE DESIGN BUILD TEAM MUST PROVIDE an ENDORSEMENT PAGE OF THE INSURANCE POLICY THAT ACTUALLY STATES FDOT IS ENDORSED.

The awarded contractor will be required to provide certificates of Insurance for General Liability, and Worker's Compensation. For GENERAL LIABILITY INSURANCE, the description area MUST state that the State of Florida Department of Transportation is endorsed as additional

insured. For GENERAL LIABILITY INSURANCE, THE DESIGN BUILD TEAM MUST PROVIDE AN ENDORSEMENT PAGE OF THE INSURANCE POLICY THAT ACTUALLY STATES FDOT IS ENDORSED. The Professional Liability Insurance must be provided by Liability Insurance must be provided by the Designer/Consultant. ALL CERTIFICATES OF INSURANCE MUST HAVE ORIGINAL SIGNATURES.

PROTEST RIGHTS:

"Failure to file a protest within the time prescribed in section 120.57(3), Florida Statutes, or failure to post the bond or other security required by law within the time allowed for filing a bond shall constitute a waiver of proceedings under chapter 120, Florida Statutes."

ACTUAL COMMITMENT AND FINAL EXECUTION OF THIS CONTRACT IS CONTINGENT UPON AN APPROVED LEGISLATIVE BUDGET AND AVAILABILITY OF FUNDS.

BUDGET ESTIMATE: \$2,272,727.00

Advertisement Date:	17AUG2009	
Planned Bids Due Date:	16SEP2009	Time: 02:00 PM
Planned Bid Opening Date:	16SEP2009	Time: 02:00 PM
Planned Tech. Rev. Cmte Meeting:	18SEP2009	Time: 03:30 PM
Planned Final Selection Meeting Date:	22SEP2009	Time: 08:30 AM
Bid Opening Date/Time/Location:	Lake City District Office at 2:00 p.m. on September 16, 2009	

Respond To: Florida Department of Transportation
1109 S. Marion Avenue, MS 2015
Lake City, Florida 32025-5874

Attn: Patsy Elkins
District Contract Office

Phone: (386)758-3703

E-mail: patsy.elkins@dot.state.fl.us