

Addendum No. 5
I-4 Dynamic Message Sign Replacement from East of SR 528 to East of SR 472
Financial Project Number 428915-1-92-01
Contract Number: E5N84

I. Introduction.

The Florida Department of Transportation (Department) has issued this Request for Proposal (RFP) to solicit competitive bids and proposals from Proposers for the replacement of sixteen (16) Dynamic Message Signs (DMS) to include structures and foundations, along with associated equipment located on Interstate 4 at various locations in Orange, Seminole and Volusia counties. DMS replacements shall have new communication cables from DMS enclosure to new DMS cabinet (when applicable) and from new DMS cabinet to existing local hub cabinet but shall utilize existing power.

This project requires furnishing and installing all the necessary components for fully functional DMS's. Existing DMS enclosures, DMS cabinets (when applicable) and ancillary cabinet equipment, structures and foundations will be removed and replaced. No existing ground mounted cabinet shall be removed or replaced within this project. The replacement DMS's shall be integrated into the District 5 Intelligent Transportation System (ITS) and operational at the Regional Traffic Management Center (RTMC) via the SunGuide Software. The locations of the existing DMS's are included in Table 1 section VI.P.2

The Department has set a maximum bid price of \$ 3,500,000.00 for this project.

Description of Work

This RFP outlines the requirements for all Options -and the scope of work as shown below. Each Option includes the replacement of the existing DMS's (See Table 1 Section VI.P.2) to include structures, foundations, conduit, fiber and all associated components for each DMS sign.

Option #	Scope of Work
Option 1	Signs 1 – 16
Option 2	Signs 1 – 15
Option 3	Signs 1 – 14
Option 4	Signs 1 – 13
Option 5	Signs 1 – 12
Option 6	Signs 1 – 11

The criteria for signs ten (10) and eleven (11) are stated below:

Criteria for signs 10 and 11

1. All work to be done according to the requirements as define for the Base Scope with the exception of the DMS structures.
2. Signs 10 and 11 shall be combined on a single, Full Span Structure at the proposed location as shown in Document 1- "Proposed DMS Full Span Structure and Location", in Other Documents.

3. Add existing guide signs to Full Span Structure as shown in Document 1 in Other Documents.
4. Design and construct full span with a catwalk that extends to the edge of the travel lane for DMS access and maintenance
5. The existing structures shall be removed as define by Section VI.P of this RFP.
6. The existing CCTV and wireless unit attached to the Kaley DMS (sign 11) will be removed and relocate by the Department prior to the NTP and shall not be part of this project.

Any changes to requirements of the scope of work within this RFP by a Design/Build Firm must be received by the Department prior to the information cut-off date. A change is defined as any deviation from the requirements of this RFP. These changes will be shared with other Design/Build Firms. Innovative concepts will not be shared with other Design/Build Firms. An innovative concept or idea is defined as the Design/Build Firm's means and methods in constructing the project and are not a part of the approved changes to the RFP. The Department will determine if information submitted by the Design/Build Firm constitutes a change that is required to be shared with the other Design/Build Firms. All accepted variations and/or exceptions will be shared with the other shortlisted Design/Build Firms.

VI. Design and Construction Criteria

P. Intelligent Transportation System (ITS)

ii. Fiber Optic Cable (FOC)

The Design/Build Firm shall install a 12-strand fiber, single mode, FOC as a drop cable from the DMS cabinet (when applicable) to the ground mounted cabinet.

VI. Design and Construction Criteria

4. Design and Engineering Services:

The Design/Build Firm shall secure all the permits, make arrangements for all the connections, etc., on relevant issues that will be required for designing, installing and operating the system to include power. The Design/Build Firm shall send electronic copies of all the correspondence and minutes, of any project related meetings, to the FDOT's Project Manager.

The final design for the DMS Sign Support shall include, but not be limited to the following specification, installation, integration, testing and support details and requirements:

- Design/analyze the DMS sign support structures as described in Section VI.G.2 Structure Plans Criteria of this RFP.
- Coordinate design with the DMS manufacturer for each location to determine 1) actual sign support length required and 2) mounting configuration on each sign structure location.

- For all full span or mid-span structures, design shall include any necessary modifications that may be necessary to the catwalk floor grating on the structure to ensure proper permanent fall protection for future maintenance personnel that may work on the sign.

The design for the full span truss to support signs ten (10) and eleven (11) shall closely represent the distance of the existing guide signs to be placed on the structure. The distance posted on the guide sign shall not be inconsistent with the actual distance of the guide sign to the gore of the exit that is posted on the guide sign.

The structural design for DMS 14 must include the DMS sign and the Guide Sign currently mounted on the mid-span structure.

The design of the new ITS system shall integrate with the existing ITS scheme. The design shall include the necessary infrastructure and components to ensure proper connection of the new ITS sub-systems. This shall include but not be limited to all proposed ITS sub-systems of this project as well as existing sub-systems that remain or are re-deployed as the final ITS of the project.

VII. Technical Proposal Requirements

D. Bid Price Proposal

Bid Price Proposals shall be submitted on the Bid Proposal Form. The Design/Build Firm shall propose a contract time for each option. The Design/Build Firm shall include one lump sum price for each of the six options even if the price is greater than the maximum bid amount as defined in the RFP.

If the Design/Build Firm does not provide a price for all 6 options, then the Bid Price Proposal shall be non-responsive.

The lump sum price shall include all costs for design, geotechnical surveys, architectural services, engineering services, Design/Build Firms quality plan, construction of that portion of the Project, and all other work necessary to fully and timely complete that portion of the Project in accordance with the Contract Documents, as well as all job site and home office overhead, and profit, it being understood that payment of that amount for that portion of the Project will be full, complete, and final compensation for the work required to complete that portion of the Project.

The Bid Proposal Form shall be sealed in an envelope, clearly marked with the Design/Build Firm's name.

The Bid Price Proposals shall be hand delivered in a separate sealed package to the following:

Ms. Chela Wood, Professional Services
Florida Department of Transportation
719 South Woodland Boulevard
DeLand, Florida 32720

The package shall indicate clearly that it is the Price Proposal and shall identify clearly the Proposer's name and project description. The Bid Price Proposal shall be secured and unopened until the date specified for opening of Price Proposals.

E. Final Selection Formula:

After the sealed bids are received, the Department will have a public meeting for the announcement of the Technical Scores and opening of sealed bids. This meeting will be recorded.

The Department shall first open the Bid Price Proposals for all Proposers. The Design/Build Firm that submits a Bid Price Proposal that provides the lowest option number (most number of signs) under the maximum bid price will be awarded the contract.

If more than one Design/Build Firm submits the same lowest option number under the maximum bid price, then the Department will open the Technical Scores of these firms and calculate the adjusted scores. The contract will be awarded to the Design/Build Firm with the lowest adjusted score.

The Selection Committee shall publicly calculate an adjusted score using the following formula:

$$\frac{\text{BPP}}{\text{TS}} = \text{Adjusted Score}$$

BPP = Bid Price Proposal

TS = Technical Score

The Department reserves the right to consider any proposal as non-responsive if any part of the Technical Proposal does not meet established codes and criteria. Also, if PCT is greater than Maximum Allowable Contract Time (MCT) (400) the proposal will be considered non-responsive.

Please respond upon receipt, and direct any questions to Tina Knox at (386) 943-5529, or at christina.knox@dot.state.fl.us

Posted: March 8, 2011 @ 4:00 pm

By: Tina Knox

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.