

Addendum #3
Contract E5N82
Brevard County Advance Traffic Management System
October 21, 2010

The Request for Proposal for the above referenced project is amended as follows:

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ATTACHMENTS

- Attachment 1: Design/Build Utility Agreement
- Attachment 2: Division I Design Build Specifications
- Attachment 3: SP0090503ES (Only applies to FM 428597-1-52-01)
- Attachment 4: SP0070111ES (Only applies to FM 428597-1-52-01)
- Attachment 5: SP0090801ES (Only applies to FM 428597-1-52-01)
- Attachment 6: ITS Damage Recovery Specifications
- Attachment 7: Traffic Adaptive System
- Attachment 8: Permit Exemption Policy Memo

The attachments listed in the table of contents are by this reference hereby incorporated into and made a part of this RFP as though fully set forth herein.

OTHER DOCUMENTS

The following documents are being provided with this RFP. Except as specifically set forth in the body of the RFP, these documents are provided for general information only. They are not being incorporated into and are not being made a part of the RFP, the contract documents or any other document that is connected or related to this project except as otherwise specifically stated therein. Nothing contained in these documents shall be construed as a representation of any field condition or of any state of facts upon which the Design/Build Firm can rely in performing under this contract. All information contained in these documents must be verified by a proper factual investigation and no claims for damages, time, or any other impacts, may be based on these documents:

- Document 1: Concept Plans for Sub-Project 1
- Document 2: Sketch of Corridor 1 existing infrastructure
- Document 3: Geotechnical Data
- Document 4: Log and returned mark-ups of utility coordination for design
- Document 5: ITS Ecological Constrains Memo
- Document 6: Document 6: Work Program ITS Overlapping Projects
- Document 7: Brevard County Signal Controller Inventory

II. Schedule of Events.

Below is the current schedule of the remaining events that will take place in the selection process. The Department reserves the right to make changes or alterations to the schedule as the Department determines is in the best interest of the public. Proposers will be notified sufficiently in advance of any changes or alterations in the schedule. Unless otherwise notified in writing by the Department, the dates indicated below for submission of items or for other actions on the part of a Proposer shall constitute absolute deadlines for those activities and failure to fully comply by the time stated shall cause a Proposer to be disqualified.

Date	Event
October 4, 2010	Shortlist meeting
October 11, 2010	Deadline for submission of written questions prior to the pre-proposal meeting
October 12, 2010	Pre-proposal meeting at 1:30 p.m. local time in Cypress A Conference Room, District Office - 719 S. Woodland Blvd., Deland, FL

November 24, 2010	Final deadline for submission of questions/information
November 3, 2010	Technical Proposals due in District Office by 2:00 p.m. local time
November 18, 2010	Question and Answer Session. Times will be assigned during the pre-proposal meeting. One hour will be allotted for questions and responses.
November 30, 2010	Price Proposals due in District Office by 2:00 p.m. local time.
November 30, 2010	Public announcing of Technical Scores and opening of Price Proposals at 2:00 p.m. local time in Volusia County Conference Room, District Office - 719 S. Woodland Blvd, Deland, FL
December 13, 2010	Public Meeting of Selection Committee to determine intended Award at 8:15 a.m. in the District Office – 719 S. Woodland Blvd, Deland, FL
December 13, 2010	Posting of the Department’s intended decision to Award (will remain posted for 72 hours/days)
December 17, 2010	Anticipated Award Date
January 11, 2010-2011	Anticipated Execution Date
February 8, 2010-2011	Anticipated Notice to Proceed Date (NTP) – Start of Contract Time

V. PROJECT REQUIREMENTS AND PROVISIONS FOR WORK

E. Railroad Coordination: N/A

The Department will conduct the required contract negotiations and plans review coordination. All required Railroad Reimbursement Agreements will be between Florida East Coast Railway, LLC and the Florida Department of Transportation. Copies of the approved Agreements will be made available to the Design/Build Firm. The Design/Build Firm must comply with the terms of these agreements. The Design/Build Firm must make the necessary arrangements with Florida East Coast Railway, LLC prior to encroachments into the railroad rights-of-way.

VI. Design and Construction Criteria

P. Intelligent Transportation System (ITS)

5. Design and Construction Criteria

iii. Vehicle Detection System (VDS)

1. Table 2 – VDS Required Locations

<i>Corridor</i>	<i>Intersection</i>
US 192	SR 500 (US 192) and I-95 Southbound Ramps
US 192	SR 500 (US 192) and I-95 Southbound Off Ramp Queue Detection
US 192	SR 500 (US 192) and I-95 Northbound Ramps
US 192	SR 500 (US 192) and I-95 Northbound Off Ramp Queue Detection
US 192	SR 500 (US 192) and Dike Road
US 192	SR 500 (US 192) and John Rodes Boulevard
US 192	SR 500 (US 192) and CR 509 (Wickham Road/Minton Road)
US 192	SR 500 (US 192) and Meadowland Avenue
US 192	SR 500 (US 192) and Dayton Boulevard
US 192	SR 500 (US 192) and Laila Court
US 192	SR 500 (US 192) and Evans Road
US 192	SR 500 (US 192) and McClain Drive
US 192	SR 500 (US 192) and Melbourne Square
US 192	SR 500 (US 192) and Dairy Road
US 192	SR 500 (US 192) and Airport Boulevard
US 192	SR 500 (US 192) and South Country Club Road
US 192	SR 500 (US 192) and Babcock Street
SR 518	SR 518 (Eau Gallie Blvd) and Croton Rd
SR 518	SR 518 (Eau Gallie Blvd) and Commadore Blvd
SR 518	SR 518 (Eau Gallie Blvd) and SR 5 (US 1)
SR 518	SR 518 (Eau Gallie Blvd) and Highland Ave
SR 518	SR 518 (Eau Gallie Blvd) and Pineapple Ave
SR 518	SR 518 (Montreal Ave) and Highland Ave
SR 518	SR 518 (Montreal Ave) and Pineapple Ave
SR 520	SR 520 & Clearlake Rd
SR 520	SR 520 & Varr Ave
SR 520	SR 520 & SR 519 (Fiske Blvd)
SR 520	SR 520 & Blake Ave
SR 520	SR 5 (US1) & SR 520
SR 520	SR 520 (Willard St) & Forrest Ave
SR 520	SR 520 (Willard St) & Brevard Ave
SR 520	SR 520 (Willard St) & Delannoy Ave
SR 520	SR 520 (King St) & Forrest Ave
SR 520	SR 520 (King St) & Brevard Ave
SR 520	SR 520 (King St) & Delannoy Ave
SR 520	SR 520 (King St) & Riveredge Blvd
SR 520	SR 520 (Willard St) & Forrest Ave
SR 520	SR 520 (Willard St) & Brevard Ave
SR 520	SR 520 (Willard St) & Delannoy Ave
SR 520	SR 520 (King St) & Forrest Ave

SR 520	SR 520 (King St) & Brevard Ave
SR 520	SR 520 (King St) & Delannoy Ave
SR 520	SR 520 (King St) & Riveredge Blvd
SR 520	SR 520 & Tropical Trail
SR 520	SR 520 & SR 3/S. Courtenay Pkwy
SR 520	SR 520 & Big Lots Entrance
SR 520	SR 520 & Plumosa St
SR 520	SR 520 & Merritt Square Mall Entr
SR 520	SR 520 & Sykes Creek Pkwy
SR 520	SR 520 & Kiwanis Island Park Rd
SR 520	SR 520 & Newfound Harbor Dr
SR 520	SR 520 & N. Banana River Dr
SR 520	SR 520 & S. Banana River/Milford Point Dr
SR 520	S. Courtenay Pkwy & Magnolia Ave
SR 520	S. Courtenay Pkwy & Fortenberry Rd
US 1	SR 5 (US 1) and Peachtree St
US 1	SR 5 (US 1) and Rosa L Jones Blvd
US 1	SR 5 (US 1) and Florida Ave
US 1	SR 5 (US 1) and Longwood Ave
US 1	SR 5 (US 1) and Barton Blvd
US 1	SR 5 (US 1) and Rockledge Square Entr
US 1	SR 5 (US 1) and Eyster Blvd
US 1	SR 5 (US 1) and CR 511 (Aurora Rd)
US 1	SR 5 (US 1) and Sarno Rd
SR 50	SR 50 (Cheney Hwy) and I-95 Southbound Ramps
SR 50	SR 50 (Cheney Hwy) and SR 405 (Columbia Ave)
SR 405	SR 405 (Columbia Ave) and Windover Trail
SR 405	SR 405 (Columbia Ave) and Target Entrance
SR 405	SR 405 (Columbia Ave) and Barna Ave
SR 405	SR 405 (Columbia Ave) and SR 407
SR 405	SR 405 (Columbia Ave) and Grissom Pkwy
SR 405	SR 405 (Columbia Ave) and Sisson Rd
Palm Bay Road	Palm Bay Rd & Minton Rd
Palm Bay Road	Palm Bay Rd & Athens Dr
Palm Bay Road	Palm Bay Rd & Culver Dr/Norfolk Pkwy
Palm Bay Road	Palm Bay Rd & I-95 SB Ramps
Palm Bay Road	Palm Bay Rd & I-95 NB Ramps
Palm Bay Road	Palm Bay Rd & Hollywood Blvd
Palm Bay Road	Palm Bay Rd & Dairy Rd
Palm Bay Road	Palm Bay Rd & Port Malabar Blvd NE
Palm Bay Road	Palm Bay Rd & Stack Blvd
Palm Bay Road	Palm Bay Rd & Rivera Dr NE
Palm Bay Road	Palm Bay Rd & Babcock St
Palm Bay Road	Palm Bay Rd & Lipscomb/Clearmont St NE

Palm Bay Road	Palm Bay Rd & Troutman Blvd NE
Palm Bay Road	Palm Bay Rd & Robert J Conlin Blvd
Palm Bay Road	Norfolk Pkwy & Shopping Center Dr
Minton Road	Minton Rd & Norfolk Pkwy
Minton Road	Minton Rd & Hield Rd
Minton Road	Minton Rd & Emerson Dr NW
Wickham Road	CR 509 (Wickham Rd) & Fountainhead Blvd
Wickham Road	CR 509 (Wickham Rd) & Wright Ave
Wickham Road	CR 509 (Wickham Rd) & Technology Dr
Wickham Road	CR 509 (Wickham Rd) & Harper Rd
Wickham Road	CR 509 (Wickham Rd) & Ellis Rd
Wickham Road	CR 509 (Wickham Rd) and Greenboro Dr/Idlewylde Cir
Wickham Road	CR 509 (Wickham Rd) & Sheridan Rd

VI. Design and Construction Criteria

P. Intelligent Transportation System (ITS)

5. Design and Construction Criteria

vi. New Cabinets

As part of the central system improvements, a Type 336S ground mounted cabinet (local hub) shall be installed adjacent to the FDOT DASH III Master hub in the southwest quadrant of SR 528 and I-95 in Cocoa. This local hub shall meet the FDOT Specifications and provide full fiber optic connectivity to the FDOT master hub, I-95 72SM backbone FOC and SR 528 72SM backbone FOC white buffers. Specifically, this local hub shall directly connect to the following: the FDOT router in adjacent master hub, the Traffic Engineering router in Viera, the Traffic Operations router in Merritt Island, the existing Port St. John local hub, SR 50/405 subsystem, and SR 46 subsystem. In addition, a type 336S cabinet shall be required at all locations as described in Table 4 below.

The Design/Build Firm shall ensure that all cabinets are at minimum TS 2 cabinets and shall replace or upgrade any non TS 2 cabinet to a TS 2 cabinet within the project limits defined by this RFP. If a TS 2 cabinet does not have sufficient rack space to support the newly installed detection hardware, the Design/Build Firm shall furnish and install additional detection racks to provide the necessary connections to accommodate the wireless magnetometer detector units. If the Design/Build Firm determines that a TS 2 cabinet cannot support any additional detection racks, the Design/Build Firm shall upgrade or replace the TS 2 cabinet with a TS 2 that will provide sufficient space for the additional hardware to be installed.

VII. Technical Proposal Requirements.

B. Submittal Requirements:

Section 1: Written Technical Proposal

Design Approach

The Design/Build Firm shall present a comprehensive approach to developing the design of the project. ~~Identify design elements that differ significantly from or are not included in the concept plans.~~ Specific areas to be addressed shall include but not be limited to:

- Approach to minimizing impacts to Utilities
- Structures Design and geotechnical considerations
- ITS modifications
- Utilization of existing right-of-way
- Innovative aspects relative to the design of the project

VII. Technical Proposal Requirements.

B. Submittal Requirements:

Section 4: Design Support Documents:

The Design/Build Firm shall provide ~~representative calculations for only those design elements that differ significantly from the Concept Plans~~ design elements, including but not limited to:

- Summary of design standards used for the project
- Documentation of decisions reached resulting from meetings, telephone Conversations or site visits
- Preliminary qualities list

The minimum information to be included shall be in accordance with Section VI.F.

- Paper size: 8½" x 11"
- Design support documents will be printed and presented double-sided
- Maximum allowed pages: No page limit

VII. Technical Proposal Requirements.

B. Submittal Requirements:

Section 5: Preliminary Plans

The Design/Build Firm shall provide preliminary plans necessary to convey the intent of the concept. ~~and to provide additional detail for those elements that differ significantly from the Concept Plans.~~

- Paper size: 11" x 17"
- Maximum allowed pages: 20

The minimum information to be included in the preliminary design requirements is as follows

Roadway

- Project Limits
- Horizontal alignment
- Stationing along Horizontal alignment
- Utility provisions
- Maintenance of traffic provisions
- Preliminary ITS Design

Please respond upon receipt, and direct any questions to Michelle Sloan at (386) 943-5528, or at michelle.sloan@dot.state.fl.us

Posted: October 21, 2010 @ 1:15 pm

By: Michelle Sloan

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.

Brevard County ATMS Expansion Project Controller Inventory
10/19/2010

<i>Corridor</i>	<i>Intersection</i>	Controller Type	Ethernet Equipped
US 192	SR 500 (US 192) and I-95 Southbound Ramps	Naztec TS2 - 1	Yes
US 192	SR 500 (US 192) and I-95 Northbound Ramps	Naztec TS2 - 1	Yes
US 192	SR 500 (US 192) and Dike Road	Naztec TS2 - 1	Yes
US 192	SR 500 (US 192) and John Rodes Boulevard	Naztec TS2 - 1	Yes
US 192	SR 500 (US 192) and CR 509 (Wickham Road/Minton Road)	Naztec TS2 - 1	Unknown
US 192	SR 500 (US 192) and Meadowland Avenue	Naztec TS2 - 1	Unknown
US 192	SR 500 (US 192) and Dayton Boulevard	Naztec TS2 - 1	Unknown
US 192	SR 500 (US 192) and Laila Court	Naztec TS2 - 1	Unknown
US 192	SR 500 (US 192) and Evans Road	Naztec TS2 - 1	Unknown
US 192	SR 500 (US 192) and McClain Drive	Naztec TS2 - 1	Unknown
US 192	SR 500 (US 192) and Melbourne Square	Naztec TS2 - 1	Unknown
US 192	SR 500 (US 192) and Dairy Road	Naztec TS2 - 1	Unknown
US 192	SR 500 (US 192) and Airport Boulevard	Naztec TS2 - 1	Yes
US 192	SR 500 (US 192) and South Country Club Road	Naztec TS2 - 1	Yes
US 192	SR 500 (US 192) and Babcock Street	Naztec TS2 - 1	Yes
SR 518	SR 518 (Eau Gallie Blvd) and Croton Rd	Naztec TS2 - 1	No
SR 518	SR 518 (Eau Gallie Blvd) and Commadore Blvd	Naztec TS2 - 1	Yes
SR 518	SR 518 (Eau Gallie Blvd) and SR 5 (US 1)	Naztec TS2 - 1	Yes
SR 518	SR 518 (Eau Gallie Blvd) and Highland Ave	Naztec TS2 - 1	Yes
SR 518	SR 518 (Eau Gallie Blvd) and Pineapple Ave	Naztec TS2 - 1	Yes
SR 518	SR 518 (Montreal Ave) and Highland Ave	Naztec TS2 - 1	Yes
SR 518	SR 518 (Montreal Ave) and Pineapple Ave	Naztec TS2 - 1	Yes
SR 520	SR 520 & Clearlake Rd	Naztec TS2 - 1	Yes
SR 520	SR 520 & Varr Ave	Naztec TS2 - 1	No
SR 520	SR 520 & SR 519 (Fiske Blvd)	Naztec TS2 - 1	No
SR 520	SR 520 & Blake Ave	Naztec TS2 - 1	No
SR 520	SR 5 (US1) & SR 520	Naztec TS2 - 1	Yes
SR 520	SR 520 (Willard St) & Forrest Ave	Naztec TS2 - 1	Yes
SR 520	SR 520 (Willard St) & Brevard Ave	Naztec TS2 - 1	Yes
SR 520	SR 520 (Willard St) & Delannoy Ave	Naztec TS2 - 1	No
SR 520	SR 520 (King St) & Forrest Ave	Naztec TS2 - 1	Yes
SR 520	SR 520 (King St) & Brevard Ave	Naztec TS2 - 1	No
SR 520	SR 520 (King St) & Delannoy Ave	Naztec TS2 - 1	No
SR 520	SR 520 (King St) & Riveredge Blvd	Naztec TS2 - 1	Yes
SR 520	SR 520 & Tropical Trail	Naztec TS2 - 1	Yes
SR 520	SR 520 & SR 3/S. Courtenay Pkwy	Naztec TS2 - 1	Yes
SR 520	SR 520 & Big Lots Entrance	Naztec TS2 - 1	Yes
SR 520	SR 520 & Plumosa St	Naztec TS2 - 1	Yes
SR 520	SR 520 & Merritt Square Mall Entr	Naztec TS2 - 1	Yes
SR 520	SR 520 & Sykes Creek Pkwy	Naztec TS2 - 1	Yes
SR 520	SR 520 & Kiwanis Island Park Rd	Naztec TS2 - 1	Yes
SR 520	SR 520 & Newfound Harbor Dr	Naztec TS2 - 1	Yes
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SR 520	S. Courtenay Pkwy & Fortenberry Rd	Naztec TS2 - 1	Yes
US 1	SR 5 (US 1) and Peachtree St	Naztec TS2 - 1	Yes
US 1	SR 5 (US 1) and Rosa L Jones Blvd	Naztec TS2 - 1	Yes

US 1	SR 5 (US 1) and Florida Ave	Naztec TS2 - 1	Yes
US 1	SR 5 (US 1) and Longwood Ave	Naztec TS2 - 1	Yes
US 1	SR 5 (US 1) and Barton Blvd	Naztec TS2 - 1	Yes
US 1	SR 5 (US 1) and Rockledge Square Entr	Naztec TS2 - 1	Yes
US 1	SR 5 (US 1) and Eyster Blvd	Naztec TS2 - 1	Yes
US 1	SR 5 (US 1) and CR 511 (Aurora Rd)	Naztec TS2 - 1	Yes
US 1	SR 5 (US 1) and Sarno Rd	Naztec TS2 - 1	Yes
SR 50	SR 50 (Cheney Hwy) and I-95 Southbound Ramps	Peek TS 1	No
SR 50	SR 50 (Cheney Hwy) and SR 405 (Columbia Ave)	Peek TS 1	No
SR 405	SR 405 (Columbia Ave) and Windover Trail	Peek TS 2 - 2	Yes
SR 405	SR 405 (Columbia Ave) and Target Entrance	Peek TS 2 - 2	Yes
SR 405	SR 405 (Columbia Ave) and Barna Ave	Naztec TS2 - 1	No
SR 405	SR 405 (Columbia Ave) and SR 407	Naztec TS2 - 1	No
SR 405	SR 405 (Columbia Ave) and Grissom Pkwy	Naztec TS2 - 1	No
SR 405	SR 405 (Columbia Ave) and Sisson Rd	Naztec TS2 - 1	No
Palm Bay Road	Palm Bay Rd & Minton Rd	Naztec TS2 - 1	Yes
Palm Bay Road	Palm Bay Rd & Athens Dr	Naztec TS2 - 1	Yes
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Palm Bay Road	Palm Bay Rd & I-95 SB Ramps	Naztec TS2 - 1	Yes
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Palm Bay Road	Palm Bay Rd & Hollywood Blvd	Naztec TS2 - 1	Yes
Palm Bay Road	Palm Bay Rd & Dairy Rd	Naztec TS2 - 1	Yes
Palm Bay Road	Palm Bay Rd & Port Malabar Blvd NE	Naztec TS2 - 1	Yes
Palm Bay Road	Palm Bay Rd & Stack Blvd	Naztec TS2 - 1	Yes
Palm Bay Road	Palm Bay Rd & Rivera Dr NE	Naztec TS2 - 1	Yes
Palm Bay Road	Palm Bay Rd & Babcock St	Naztec TS2 - 1	Yes
Palm Bay Road	Palm Bay Rd & Lipscomb/Clearmont St NE	Naztec TS2 - 1	Yes
Palm Bay Road	Palm Bay Rd & Troutman Blvd NE	Naztec TS2 - 1	Yes
Palm Bay Road	Palm Bay Rd & Robert J Conlin Blvd	Naztec TS2 - 1	Yes
Palm Bay Road	Norfolk Pkwy & Shopping Center Dr	Naztec TS2 - 1	Yes
Minton Road	Minton Rd & Norfolk Pkwy	Naztec TS2 - 1	Yes
Minton Road	Minton Rd & Hield Rd	Naztec TS2 - 1	Yes
Minton Road	Minton Rd & Emerson Dr NW	Naztec TS2 - 1	Yes
Wickham Road	CR 509 (Wickham Rd) & Fountainhead Blvd	Naztec TS2 - 1	No
Wickham Road	CR 509 (Wickham Rd) & Wright Ave	Naztec TS2 - 1	No
Wickham Road	CR 509 (Wickham Rd) & Technology Dr	Naztec TS2 - 1	No
Wickham Road	CR 509 (Wickham Rd) & Harper Rd	Naztec TS2 - 1	No
Wickham Road	CR 509 (Wickham Rd) & Ellis Rd	Naztec TS2 - 1	No
Wickham Road	CR 509 (Wickham Rd) and Greenboro Dr/Idlewylde Cir	Naztec TS2 - 1	No
Wickham Road	CR 509 (Wickham Rd) & Sheridan Rd	Naztec TS2 - 1	No