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ADDENDUM NO. 5

DATE: June 9, 2009
TO: PROPOSERS
FROM:  Richard M. Nethercote, Jr.
District Contracts Administrator
Florida's Turnpike Enterprise
SUBJECT: Contract No.: E8J80
Financial Project No.: 417544-1-52-01 & 406096-4-52-01
County: Miami-Dade
Project Name: HEFT AET Conversion Phases 1 and 2

Proposers and other interested parties are informed that the above referenced documents are hereby revised, changed and supplemented as set forth below:

REQUEST FOR PROPOSAL DOCUMENT

1. Page 45 of 132, Section VI.G.1, 4th bullet, 3rd sub-bullet - Include the text "less than" before the text "500Hz".
2. Page 51 of 132, Section VI.J, 3rd paragraph, 3rd bullet - After the 2nd sub-bullet add the following text as a new sub-bullet "In addition, the Design/Build Firm shall replace the existing AC/AVI canopy lane signs at both Campbell Drive ramp plazas with SunPass Only (aka Dedicated) lane signs."
3. Page 53 of 132, Section VI.L.1.a, 6th bullet, 1st sentence - Modify text FROM "...the TEC is responsible to implement the required MOT." TO "...the Department is responsible to implement the required MOT."
4. Page 53 of 132, Section VI.L.1.a, 7th bullet - Remove the text "TEC" and replace with the text "Department".
5. Page 54 of 132, Section VI.L.1.b, 7th bullet, 1st sentence - Modify text FROM "...the TEC is responsible to implement the required MOT." TO "...the Department is responsible to implement the required MOT."
6. Page 55 of 132, Section VI.L.1.b, 8th bullet - Remove the text "TEC" and replace with the text "Department".
7. Page 56 of 132, Section VI.L.1.c, 13th bullet - Modify text FROM "...the TEC is responsible to implement the required MOT." TO "...the Department is responsible to implement the required MOT."
8. Page 56 of 132, Section VI.L.1.c, 13th bullet, 3rd sub-bullet - Remove the text "TEC" and replace with the text "Department".
9. Page 57 of 132, Section VI.L.1.d, 6th bullet - Modify text FROM "...the TEC is responsible to implement the required MOT..." TO "...the Department is responsible to implement the required MOT..."

10. Page 62 of 132, Section VI.L.5.a, 7th paragraph, - Delete the 3rd sentence that reads “The relocation of MOT devices shall solely be performed by the Design/Build Firm.”
11. Page 69 of 132, Section VI.Q.2.g - Delete the entire first paragraph under the “Fiber Optic Cable” subsection. Paragraph begins “No new Butt End Splices...”
12. Page 76 of 132, Section VI.Q - Add the following text as new section VI.Q.5 Fiber Optic Cable Restoration and Repair.

“The Design/Build Firm shall protect FTE’s ITS and the Tolls Communication Network within the limits of this project. The FTE ITS includes but is not limited to underground conduit, FOC, tone wire system, fiber optic warning tape, route markers, electrical and fiber optic pull boxes, splice vaults, ITS poles, pole mounted equipment, ITS cabinets, Dynamic Message Signs (DMS) and structures, CCTV cameras, VDS, TTS devices, HAR beacons and transmitters, Speed Monitoring Systems (SMS), CB Radio Alert System (CB-RAS) devices, Road Weather Information Systems (RWIS), wireless equipment, communications drops and power services. The Tolls Communications Network includes but is not limited to the fiber optic drops from the ITS fiber optic cable to each Toll facility as well as multi-mode fiber optic cable that interconnects ramp toll plazas within each interchange and all other associated communications elements.

Any damage to the Turnpike ITS or the Tolls Communications Network caused by the Design/Build Firm shall be fixed within the allotted time specified below. The Design/Build Firm shall obtain approval for all repair or replacement procedures from FTE Traffic Operations and Tolls staff before breaking grounding. Due to the sensitivity of the Turnpike’s fiber optic infrastructure, the following additional requirements shall be met by the Design/Build Firm.

The Design/Build Firm shall conduct an initial fiber test of 12 fibers through the project limits (MP 0 to MP 27) at the start of the project before breaking ground using a test procedure approved by FTE with Turnpike Traffic Operations staff present. The fiber tests shall be uni-directional tests at a single wavelength using an Optical Time Domain Reflectometer (OTDR). The fibers to be tested shall be determined by the Turnpike and shall not exceed 12. After substantial completion of the project but before final acceptance, the Design/Build Firm shall perform a final fiber test of the same 12 fibers using the same test procedure and repair any damage or excessive degradation (as defined below) found at their own cost. This fiber optic testing shall include the fiber optic cable to the nearest master hub beyond the project limits in both directions.

The Design/Build Firm shall restore communication service to all lit fibers within (4) four hours of a fiber optic cable cut. The Design/Build Firm shall repair the rest of the impacted fibers and associated infrastructure including but not limited to the conduit duct bank, tone wire, and warning tape within (48) forty eight hours of a fiber optic cut. All restoration and repair work shall meet the FDOT Standard Specifications for Roadway and Bridge Construction, including but not limited to ITS Specification 783.

The FTE ITS fiber optic network shall not experience a communication degradation greater than 0.2 dB between any two master hub switches due to unnecessary splicing of the backbone fiber as a result of the work being performed by the Design/Build Firm and its sub-contractors. Any dB loss greater than 0.2 dB between any two master hub switches will result in the Design/Build Firm being required to

replace a section of the 96 single mode fiber optic cable to remove unnecessary splices and bring the communication loss back within the tolerance identified above. The section of fiber to be replaced will be from and to the nearest butt end splice point on either side of the section experiencing high loss. This new cable shall be housed in the same color conduit as the existing cable and shall include the re-splicing of the fiber optic drop cables within the section. The Design/Build Firm shall be limited to installing only one new fiber optic splice between two existing fiber optic splice vaults.

The Design/Build Firm shall restore and repair damage to the FTE Tolls Communications Network following the same restoration time requirements as the FTE ITS Network. However, no splices will be allowed in the Tolls Communications Network due to the short lengths of the runs.

If the restoration and repair are not performed as described above or within the specified time, the Department reserves the right to restore or repair the damage and will deduct the cost thereof from any monies due or which may become due the Design/Build Firm under the Contract. In addition, the Design/Build Firm shall reimburse the Department for any toll revenue losses caused by Design/Build Firm damages to any of the communication items described herein.

Any changes to the FTE ITS or Tolls Communications Networks due to the Design/Build Firm's work shall be documented in a report to FTE for as-built purposes. If new fiber optic splices have been added to the system, the Design/Build Firm will supply GPS coordinates for these locations. A CD with all OTDR test results performed on this project initially and after any fiber repairs shall be submitted to the FTE ITS construction manager."

13. Page 86 of 132, Section VI.S.2.j - After the 8th bullet add the following text as a new bullet "Demolish and remove existing entry door and provide a new high security door and hardware to be compatible with the new TEC provided security system as applicable."
14. Page 87 of 132, Section VI.S.2.m - After the 4th bullet add the following text as a new bullet "Demolish and remove the wall between the existing toll taker area and toilet room. Patch/repair damaged surfaces to match adjacent."
15. Page 88 of 132, Section VI.S.2.o, 3rd bullet - Add the text "exterior" before the text "toilet".
16. Page 89 of 132, Section VI.S.2.p - After the 2nd bullet add the following text as a new bullet "Remove all shelving from the existing storage room. Patch/repair damaged surfaces to match adjacent."

REQUEST FOR PROPOSAL ATTACHMENTS

Attachments to the original RFP Document that are not revised herein are still in effect for this contract.

1. Attached is a new Sheet 6 of Attachment No. 11 Conceptual Master Signing Plan. The new Sheet 6 includes an OHC sign panel replacement on an MDX signature sign structure located on the SR 836 westbound exit ramp. This new Sheet 6 should be appended to the previously provided Attachment No. 11 Conceptual Master Signing Plan.
2. Attached is a revised Attachment No. 12 Conceptual Master Signing Plan Details. Plan revisions are indicated with a cloud. The plan revisions modify

the dimensions and legend of several sign panels related to all electronic tolling. The sign panel changes have not been updated in Attachment No. 11 Concept Master Signing Plan; however, the Design/Build Firm shall reflect the sign panel changes as part of this Addendum and the typical layout details and incorporate them into their final design and implementation of the project.

3. Attachment No. 32 Tolling Infrastructure Requirements, Page 1, Section I, 3rd bullet, 4th sentence - Insert the following text before the end of the sentence “within 24 hours except as noted in the Intelligent Transportation System (ITS) Section of this RFP”.
4. Attachment No. 32 Tolling Infrastructure Requirements, Page 1, Section I, 3rd bullet, last sentence - Insert the following text “and revenue losses” after the text “FTE subcontractors”.
5. Attachment No. 32 Tolling Infrastructure Requirements, Page 9, Section II.M - Add the following text as the last bullet in the section.

“At the Coral Reef Drive northbound exit ramp building and the SW 40th Street northbound entry ramp building, the Design/Build Firm shall provide and maintain portable toilets prior to initiating building modifications that impact the use of interior toilet room facilities. The location of the portable toilet shall be coordinated with the Department. The Design/Build Firm shall remove the portable toilets at the implementation of AET. The portable toilets shall at a minimum:

- Be ADA compliant,
- Have a sink with running water,
- Be unisex,
- Have a lockable door.”

REQUEST FOR PROPOSAL GENERAL INFORMATION DOCUMENTS

1. Attached are revised components of General Information Document “6 - Conceptual Plans CADD Files/6a – Conceptual Signing Plans.” The revised components include the following:
 - New Sheet 6 CADD files for “Master Signing Plan”
 - Modified CADD files for “Signing Details”

OTHER GENERAL INFORMATION

1. Attached are Group #3 Final responses to shortlisted firm’s questions.
2. Attached are Sign Structure inspection reports.

All other conditions of the subject contract remain unchanged.

If you are a **PROPOSAL HOLDER**, please acknowledge receipt of this Addendum on Page 1 of the Form 375-020-12 of your Proposal, and return with your bid.

If you have any questions regarding this information, please do not hesitate to contact Rich Nethercote at the same number as shown above, ext. 3885.

Attachments