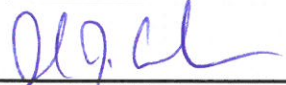


## Wave Streetcar Addendum No. 8 Memorandum, Issued 10/11/17

DATE: October 11, 2017  
TO: District Contracts/ Final Plans  
FROM: Robert Bostian, Project Manager  
COPIES: File  
SUBJECT: **Addendum Number 8** - Letting (mo./yr.) 10/2017  
Financial Project ID 421390-7-52-01 (Lead number only)  
Proposal/ Contract ID ER484  
Federal Funds: ☐ No ☒ Yes Federal Aid No. D417-019-B  
County: Broward State Road No.

Concurred by:  Date: 10-11-17  
Signature of Alternate Contracting Coordinator (John Olson (primary)/ Robert Bostian (alternate)) or Designee.

Legal Approval Date:  10/11/2017  
(Dawn Raduano)

Central Office Approval Date: 10/11/2017  
(State Construction Office – Suzannah Ray)

CONTRACT TIME REVISED: ☒ No ☐ Yes (If yes, \_\_\_\_\_ Calendar Days)

---

### RFP, pg. iv and v

#### Attachments revised as follows:

- S. Environmental Permits
  - 1. USCG SE 3<sup>rd</sup> Avenue Bridge Permit [Application No. P\(2-17-7\)](#)
- ~~T. Draft Vehicle Specifications~~
- [T. Siemens Technical Proposal-BAFO](#)

#### Bid Price Proposal Forms:

- [8. Buy America Rule Certification Form](#)

### RFP, pg. vi

#### Reference Documents revised as follows:

- 1. **General**
  - 1.1. 2015-10-07 Hydrant Flow Test 1801 SW 1<sup>st</sup> Ave.pdf
  - 1.2. 2015-11-16 Preliminary Hazard Analysis Rev 1.pdf

## Wave Streetcar Addendum No. 8 Memorandum, Issued 10/11/17

- 1.3. 2015-11-16 Threat and Vulnerability Analysis Rev 2.pdf (TO BE PROVIDED AFTER AWARD)(SSI Document)
- 1.4. 2016-03 City of Fort Lauderdale Sewer Map.pdf
- 1.5. 2016-04-25 ADA Sidewalks Evaluation Memo and Exhibits.pdf
- 1.6. 2016-12-26 Utility Conflict Matrix.pdf
- 1.7. 2017-01-05 Utility Work Schedules.pdf
- ~~1.8. 2017-01-09 Construction Segments Map.pdf~~
- ~~1.9.1.8. Inlet Capacity Analysis.pdf~~
- ~~1.10.1.9. LEED Certification and Envision Verification Checklists.pdf~~
- ~~1.11.1.10. TIGER Grant Award.pdf~~
- ~~1.12.1.11. Traffic Signal Warrant Analysis.pdf (NOT INCLUDED)~~

### RFP, Section I.C. Bid Alternatives

Revised as follows:

#### 1. Wheel Truing Machine

- Do not furnish and install the wheel truing machine. Note: This item will only remove the wheel truing machine. All related and required infrastructure design and construction work, including but not limited to the maintenance pit, electrical, and other structural work shall remain and be included as part of Bid Alternative 2.

#### 2. Photo-Voltaic Electrical Power System

- Do not furnish and install a Photo-Voltaic Electrical Power System. Exclude The design and construction of all the required infrastructure, appurtenances, and connections for the Photo-Voltaic Electrical Power System shall remain and be included as part of Bid Alternative 2.

#### 5. Decorative Paving at All Station Platforms

- Substitute the station platform decorative concrete surface finish with standard concrete pavement with broom with broom finish in accordance with FDOT Standard Specification and ADA requirements.

#### 7. Landscaping along the Alignment

- Do not furnish and install landscaping along the streetcar alignment. Note: Only plants and trees are eliminated along the alignment. Sod remainsshall remain and be included as required along the alignment and the VMSF. Landscaping and irrigation remainsshall remain and be included at the VMSF.

#### 8. Full Build-Out of 2<sup>nd</sup> Floor Office Space (Future Offices)

- Do not furnish or construct the full build-out of the 2<sup>nd</sup> floor future office space. Note: This item excludes the design and construction of the spaces, wall partitions, and furniture for the future offices on the second floor, as shown in Figure I.-3. The Design-Build firm shall design and construct all related and required infrastructure design and construction work, including but not limited to structural, mechanical, plumbing, and



## Wave Streetcar Addendum No. 8 Memorandum, Issued 10/11/17

electrical, to provide for the full build-out of the 2<sup>nd</sup> floor future office space, ~~shall remain as part of Bid Alternative 2. The Design-Build Firm shall demonstrate how spaces, including the design will provide~~ for the full build-out of the 2<sup>nd</sup> floor future office spacespaces using dashed lines labeled "future offices".

**Bid Alternative 3 (Priority No. 3)** includes everything in Bid Alternative 1 as defined in the RFP and RFP Attachments, reduced by Bid Alternative 2 and further reduced by the following items:

### 2. VMSF Building 3<sup>rd</sup> Service Bay

- Do not construct the VMSF Building 3<sup>rd</sup> Service Bay. ~~Note: This item excludes and the construction section of the building which that~~ encloses the 3<sup>rd</sup> Service Bay. The footprint area of the 3<sup>rd</sup> Service Bay shall be replaced with concrete to match adjacent concrete finish. The design and construction of the western wall shall allow for future construction of the 3<sup>rd</sup> Service Bay while minimizing interruptions to the shop area. All related and required infrastructure design and construction work, including ~~but not limited to~~ mechanical, plumbing, fire protection, electrical, systems, ~~and othersizing equipment, and miscellaneous~~ structural work for the future addition of the 3<sup>rd</sup> Service Bay shall remain and be included as part of Bid Alternative 3; ~~including sizing said equipment to accommodate a~~. The Design-Build Firm shall design the future expansionaddition of the 3<sup>rd</sup> Service Bay as depicted in Figure I. 4. for an open space concept between all service bays using dashed lines labeled "future service bay".

### 3. Power Switch Machines/ Alignment

- Substitute power switch machines with hand throw/ manual switch machines on SE 6<sup>th</sup> Street and at the intersection of Las Olas and SE 3<sup>rd</sup> Avenue. **Note:** All Switch boxes and conduits shall be sized, and designed and constructed with the capability to change from the hand throw/ manual switches to power switches without impacting normal operations. Point detection and point locking shall remain and be included as part of Bid Alternative 3.

### 4. Power Switch Machines/ VMSF

- Substitute power switch machines with hand throw/ manual switch machines at the VMSF, except for one switch Y21 as shown on Figure I.-5. **Note:** All Switch boxes and conduits shall be sized, and designed and constructed with the capability to change from the hand throw/ manual switches to power switches without impacting normal operations. Point detection and point locking shall remain and be included as part of Bid Alternative 3.

## RFP, Section II Schedule of Events

Revised as follows:

**Table II-1: Schedule of Events**

Date	Event
<u>09/1810/16/2017</u>	Deadline for the Department to post responses to the Pre-Bid Q&A website for questions submitted by the Design-Build Firms prior to the submittal of the Price Proposal by 5:00 pm local time.

## Wave Streetcar Addendum No. 8 Memorandum, Issued 10/11/17

Table II-1: Schedule of Events

Date	Event
<a href="#">09/2210/23/2017</a>	Price Proposals due in District Four Office by 11:00 am local time.
<a href="#">09/2210/23/2017</a>	Public announcing of Technical Scores and opening of Price Proposals at 11:00 am local time in Florida Department of Transportation, 3400 West Commercial Blvd., Fort Lauderdale, FL.
10/ <a href="#">0230</a> /2017	Public Meeting of Selection Committee to determine intended Award at 9:00 am.
10/ <a href="#">0230</a> /2017	Posting of the Department's intended decision to Award at 11:00 am.
<a href="#">10/1611/06/2017</a>	Anticipated Award Date
<a href="#">10/3011/21/2017</a>	Anticipated Execution Date
<a href="#">10/3011/21/2017</a>	Anticipated Notice to Proceed (NTP)

### RFP, Section V.E. Environmental Permits

Revised as follows:

US Coast Guard: SE 3<sup>rd</sup> Avenue Bridge Permit ([pending No. P\(2-17-7\) \(approved\)](#))

### RFP, Section V.DD.1 Right of Way Furnished by the Department

Revised as follows:

Address	Folio	Description	Status
18 NW 1 <sup>st</sup> Ave	504210011920	<a href="#">Permanent Agreement</a> <del>Permanent</del> <a href="#">easementLicense</a> for sidewalk modifications.	Acquisition is ongoing.

### RFP, Section VI.D. Utility Coordination and Design

Revised as follows:

[The Design-Build Firm shall be responsible for the coordination and payment of all Florida Power & Light \(FPL\), TECO Peoples Gas, the City of Fort Lauderdale water and sewer, and any other utility agencies/ owners utility connection fees and equipment required for new and relocated services, including but not limited to, concrete pads, meter enclosures, meters, conduits and raceways, cables and wires, piping, load centers, concrete poles, disconnect switches, and restoration of the existing ground.](#)

### RFP, Section VI.D.1. General Requirements

Revised as follows:

The Design-Build Firm is responsible for all utility usage costs for the time period of issuance of the NTP through Final Acceptance including testing and commissioning. [Utility usage cost related](#)



## Wave Streetcar Addendum No. 8 Memorandum, Issued 10/11/17

to vehicle testing and commissioning greater than \$150,000 shall be reimbursed by the Department. Eligible reimbursement only applies to:

- VMSF: From issuance of certificate of occupancy through Final Acceptance.
- Testing and commissioning of the alignment south of the New River: from energizing of the two TPSS through Final Acceptance.
- Testing and commissioning of the alignment north of the New River: from energizing of the two TPSS through Final Acceptance.

The Design-Build Firm shall provide documentation to the Department verifying utility bills paid by the Design-Build Firm for the eligible utility usage cost totaling \$150,000. Additionally, the Design-Build Firm is required to submit eligible utility usage paid bills for any amount exceeding \$150,000 for reimbursement by the Department.

### **RFP, Section VI.D.2. Utility Plans - Water**

Revised as follows:

- Proposed water line shall not be placed behind the curb on the north side of SE 6<sup>th</sup> Street between S. Andrews Avenue and SE 1<sup>st</sup> Avenue.

### **RFP, Section VI.F. Geometric Design**

Revised as follows:

Curb bulbouts shall be added to the following intersections, as generally depicted in RFP Attachment HH, Signing and Pavement Marking Master Plan.

- NE 3<sup>rd</sup> Avenue at NE 5<sup>th</sup> Street
- S Andrews Avenue at SE/SW 11<sup>th</sup> Street
- S Andrews Avenue at SE/SW 13<sup>th</sup> Street
- S Andrews Avenue at SE/SW 16<sup>th</sup> Street

### **RFP, Section VI.Q.1. General**

Revised as follows:

Where streetcars require a left turn or a right turn (or any other exclusive movement) at an intersection and are making a turning movement vehicular traffic is prohibited from doing, special signals will be provided to control streetcar movements. These streetcar signals will be distinct from the traffic signals. They will be designed to display indications that are conspicuous and do not resemble those displayed by conventional traffic signals. At a minimum, the two styles of LED blank out signs indicated in the table below shall be used. For more detail regarding streetcar signals, refer to RFP Attachment G, Transit Criteria, Signal and Route Control.

## Wave Streetcar Addendum No. 8 Memorandum, Issued 10/11/17

**Table VI.Q.-1a: LED Blank Out Signs**

<u>Location</u>	<u>Intersection Location</u>	<u>W10-7 (36"x36")</u>	<u>R10-11a (36"x48")</u>
<u>1</u>	<u>S Andrews Avenue - S 18<sup>th</sup> Street</u>	<u>1</u>	<u>1</u>
<u>2</u>	<u>S Andrews Avenue - S 16<sup>th</sup> Street</u>	<u>1</u>	<u>-</u>
<u>3</u>	<u>S Andrews Avenue - S 6<sup>th</sup> Street</u>	<u>1</u>	<u>1</u>
<u>4</u>	<u>SE 3<sup>rd</sup> Avenue - SE 6<sup>th</sup> Street</u>	<u>1</u>	<u>-</u>
<u>5</u>	<u>SE 3<sup>rd</sup> Avenue - E Las Olas Blvd</u>	<u>1</u>	<u>1</u>
<u>6</u>	<u>SE 3<sup>rd</sup> Avenue - SE 2<sup>nd</sup> Street</u>	<u>1</u>	<u>1</u>
<u>7</u>	<u>S Brickell Avenue - SW 2<sup>nd</sup> Street</u>	<u>1</u>	<u>-</u>
<u>8</u>	<u>N Andrews Avenue - N 4<sup>th</sup> Street</u>	<u>1</u>	<u>2</u>
<u>9</u>	<u>NE 3<sup>rd</sup> Avenue - NE 4<sup>th</sup> Street</u>	<u>-</u>	<u>1</u>
<u>10</u>	<u>NE 3<sup>rd</sup> Avenue - NE 6<sup>th</sup> Street</u>	<u>1</u>	<u>1</u>
<u>11</u>	<u>N Andrews Avenue - N 6<sup>th</sup> Street</u>	<u>1</u>	<u>1</u>

### RFP, Section VIII.A. Bid Price Proposal

Revised as follows:

#### 1. Wheel Truing Machine

- Do not furnish and install the wheel truing machine. Note: This item will only remove the wheel truing machine. All related and required infrastructure design and construction work, including but not limited to the maintenance pit, electrical, and other structural work shall remain and be included as part of Bid Alternative 2.

#### 2. Photo-Voltaic Electrical Power System

- Do not furnish and install a Photo-Voltaic Electrical Power System. Exclude The design and construction of all the required infrastructure, appurtenances, and connections for the Photo-Voltaic Electrical Power System shall remain and be included as part of Bid Alternative 2.

#### 5. Decorative Paving at All Station Platforms

- Substitute the station platform decorative concrete surface finish with standard concrete pavement withbroomwith broom finish in accordance with FDOT Standard Specification and ADA requirements.

#### 7. Landscaping along the Alignment

- Do not furnish and install landscaping along the streetcar alignment. Note: Only plants and trees are eliminated along the alignment. Sod remainsshall remain and be included as required along the alignment and the VMSF. Landscaping and irrigation remainsshall remain and be included at the VMSF.

#### 8. Full Build-Out of 2<sup>nd</sup> Floor Office Space (Future Offices)



## Wave Streetcar Addendum No. 8 Memorandum, Issued 10/11/17

- Do not ~~furnish or~~ construct the ~~full build-out of the~~ 2<sup>nd</sup> floor ~~future~~ office ~~space~~. Note: This item excludes the design and construction of the spaces, wall partitions, and furniture for the future offices on the second floor, as shown in Figure I.-3. The Design-Build Firm shall design and construct all related and required infrastructure design and construction work, including but not limited to structural, mechanical, plumbing, and electrical, to provide for the full build-out of the 2<sup>nd</sup> floor future office space, shall remain as part of Bid Alternative 2. The Design-Build Firm shall demonstrate how spaces, including the design will provide for the full build-out of the 2<sup>nd</sup> floor future office spacespaces using dashed lines labeled "future offices".

**Bid Alternative 3** includes everything in Bid Alternative 1 as defined in the RFP and RFP Attachments, reduced by Bid Alternative 2 and further reduced by the following items:

### 2. VMSF Building 3<sup>rd</sup> Service Bay

- Do not construct the VMSF Building 3<sup>rd</sup> Service Bay. Note: This item excludes and the construction section of the building which that encloses the 3<sup>rd</sup> Service Bay. The footprint area of the 3<sup>rd</sup> Service Bay shall be replaced with concrete to match adjacent concrete finish. The design and construction of the western wall shall allow for future construction of the 3<sup>rd</sup> Service Bay while minimizing interruptions to the shop area. All related and required infrastructure design and construction work, including but not limited to mechanical, plumbing, fire protection, electrical, systems, and othersizing equipment, and miscellaneous structural work for the future addition of the 3<sup>rd</sup> Service Bay shall remain and be included as part of Bid Alternative 3; including sizing said equipment to accommodate a. The Design-Build Firm shall design the future expansion addition of the 3<sup>rd</sup> Service Bay as depicted in Figure I.-4 for an open space concept between all service bays using dashed lines labeled "future service bay".

### 3. Power Switch Machines/ Alignment

- Substitute power switch machines with hand throw/ manual switch machines on SE 6<sup>th</sup> Street and at the intersection of Las Olas and SE 3<sup>rd</sup> Avenue. **Note:** All Switch boxes and conduits shall be sized, and designed and constructed with the capability to change from the hand throw/ manual switches to power switches without impacting normal operations. Point detection and point locking shall remain and be included as part of Bid Alternative 3.

### 4. Power Switch Machines/ VMSF

- Substitute power switch machines with hand throw/ manual switch machines at the VMSF, except for one switch Y21 as shown on Figure I.-5. **Note:** All Switch boxes and conduits shall be sized, and designed and constructed with the capability to change from the hand throw/ manual switches to power switches without impacting normal operations. Point detection and point locking shall remain and be included as part of Bid Alternative 3.

---

**RFP Attachment S.1., USCG SE 3rd Avenue Bridge Permit No. P(2-17-7)**

Revised as follows:

# **Wave Streetcar Addendum No. 8 Memorandum, Issued 10/11/17**

New Document

---

## **RFP Attachment T, Siemens Technical Proposal-BAFO**

Revised as follows:

New Document

---

## **RFP Attachment HH, Signing and Pavement Marking Master Plan**

Revised as follows:

Updated

---