



**TAMPA-HILLSBOROUGH COUNTY  
EXPRESSWAY AUTHORITY**

**Addendum No. 1**

**FOR**

**Invitation to Bid (ITB)**

**ITS & Toll Generator Replacement**

**ITB O-00421**

**ADDENDUM NO. 1**

PROJECT NAME: ~ ITB O-00421  
DATE OF ADDENDUM: June 01, 2021

**PLEASE NOTE THE FOLLOWING HIGHLIGHTED CHANGES TO THE ITB:**



**INVITATION TO BID (ITB) O-00421**

**Intelligent Transportation System (ITS) & Toll Generator Replacement**

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*ITB Issue Date: 5/21/2021*

*ITB Response Due Date: 6/18/2021*

*Addendum 1: 6/01/2021*

**RESPONSIBLE DEPARTMENT**

Brian Pickard, PE  
Director of Operations & Engineering

**PROCUREMENT DEPARTMENT**

Man Le, PMP  
Procurement Manager  
1104 East Twiggs Street, Suite 300  
Tampa, Florida 33602  
Telephone Number: (813) 272-2307  
Email: Man.Le@tampa-xway.com

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### Construction Drawing and Specification Attachments:

- ITS Generator Electrical & Fuel Plans (O-00421)
  - 34<sup>th</sup> Street
  - 78th Street
  - US Highway 301
  - Brandon
- Specifications Package (O-00421)

### Reference Drawings and Documents:

- Selmon West Extension Plans
- Gantry Electrical Plans 12/30/09

### Exhibits

- A ~ Public Entity Crime
- B ~ Drug-Free Workplace
- C ~ Bid Proposal Form
- D ~ Anticipated SBE
- E ~ Conflict of Interest
- F ~ Experience and References

**I. INTRODUCTION**

The Tampa Hillsborough Expressway Authority (THEA) is soliciting sealed bids from qualified firms to provide all the labor, equipment, materials, tools, transportation, supplies, insurance, incidentals, mobilization, demobilization and maintenance of traffic necessary to replace the generators for the ITS Equipment at 34<sup>th</sup> Street, 78<sup>th</sup> Street, US Highway 301 & Brandon entrance to the Reversible Express Lanes and the generators for the Tolling Equipment at the Plant Ave westbound off-ramp, the 22<sup>nd</sup> Street westbound on-ramp, the 50<sup>th</sup> Street westbound on-ramp & the East Mainline tolling sites. The title of the project is as follows:

- ITS & TOLLING GENERATOR REPLACEMENT

**II. SCOPE OF WORK**

**SUMMARY OF WORK**

**1. DESCRIPTION**

1.01 This section provides a general summary or overview of the work to be performed in the Invitation to Bid (ITB) No. O-00421. In performing the work, the contract documents, plans and specifications shall be adhered to. This project is to be let as a lump sum.

**2. SCOPE OF WORK**

2.01 The general Scope of Work consists of, but is not limited to: Providing all the labor, equipment, materials, tools, transportation, supplies, insurance, incidentals, mobilization, demobilization and maintenance of traffic necessary to:

2.01.01 Remove and Replace the ITS generators at 34<sup>th</sup> Street, 78<sup>th</sup> Street, US Highway 301 & Brandon entrance to the Reversible Express Lanes, including required electrical and fuel connections as in the attached plans.

2.01.02 Remove and Replace the Tolling generators at the Plant Ave westbound off-ramp, the 22<sup>nd</sup> Street westbound on-ramp, the 50<sup>th</sup> Street westbound on-ramp & the East Mainline tolling sites, including required connections for existing fuel and communications systems. The replacement tolling generators shall be wired and configured similar to those in the Selmon West Extension Toll Facilities Electrical plans included as Reference Drawings in 4.03.01, and utilizing the existing concrete pads and anchoring connections.

2.02 The following materials are anticipated. This listing is not all-inclusive and it is the Contractor’s responsibility to incorporate into the bid any additional items which may be needed.

ITEM DESCRIPTION
MOBILIZATION
MAINTENANCE OF TRAFFIC

480-240V 37.5 kVA Transformer
Generator with Weather Enclosure, ATS, Connectivity Server
200A, 240V Fusible Disconnect Switch
240-480/240V 37.5 kVA Transformer
20/1 Circuit Breaker
40/1 Circuit Breaker
50/1 Circuit Breaker
20/2 Circuit Breaker
30/2 Circuit Breaker
Surge Protection Device
¾"x10' Grounding Electrode
Grounding Electrode Exothermic Weld
Equipment Rack
Conduits and Conductors
Fiber Enclosure, LC Connectors, and Splice Case
Misc. Items (e.g. Junction Boxes, Fittings, Bushings, Pull Cable)
Fuel Piping, Regulator, Fittings

**This is a Lump Sum project. It is the Contractor's responsibility to determine all quantities for which the bid will be based on.**

- 2.03 All generator replacement activities are to be performed in accordance with the January 2021 edition of the Florida Department of Transportation (FDOT), Standard Specifications for Road and Bridge Construction and Standard Plans. All debris and associated unsuitable materials, as a result of the removal and replacement of existing features delineated in Section 2.01.01 and 2.01.02 are the property of the Contractor for appropriate disposal offsite. In addition, the Contractor shall perform electrical and plumbing work in accordance with all applicable manuals, guidelines, standards, handbooks, procedures and current design memorandums. The contractor shall utilize the existing concrete generator pads. The Generator Concrete Pad Detail in the ITS Generator Replacement Plans is shown for general information only. Contractor is not to include the concrete pads as part of bid proposal.

Generator ID	Function ITS/Toll	Generator Access Location	Existing Concrete Pad Size
34 <sup>th</sup> Street	ITS	SR 60 E. of 34 <sup>th</sup> Street	7' x 4'
78 <sup>th</sup> Street	ITS	Tidewater Trail @ Fish Lake Road	7' x 4'
U.S. 301	ITS	S. 86 <sup>th</sup> Street @ Palm River Road	7' x 4'
Brandon REL Gates	ITS	Under REL Abutment @ Gornto Lake Rd	7' x 4'
Plant Ave	Tolls	WB Selmon Off-Ramp	10' x 4'
22 <sup>nd</sup> Street	Tolls	WB Selmon On-Ramp	10' x 4'
50 <sup>th</sup> Street	Tolls	WB Selmon On-Ramp	10' x 4'
East Selmon Mainline	Tolls	Under REL at East Toll Plaza Administration Bldg.	10' x 4'

- 2.04 Maintenance of Traffic to be performed by the Work Zone Traffic Supervisor in accordance with the January 2021 edition of the Florida Department of Transportation

(FDOT), Standard Specifications for Road and Bridge Construction, Section 102, Maintenance of Traffic and the January 2021 edition of the Florida Department of Transportation (FDOT) Standard Plans for Road Construction. Maintenance of Traffic shall also accommodate pedestrians where applicable.

2.04.01 Lane closures are not permitted during the following hours:

Selmon Express Local Lanes & Ramps: 6:00 AM to 9:00 AM

Reversible Express Lanes & Ramps: 3:00 PM to 6:00 PM

2.04.02 Special event days as directed by THEA will apply and include:

- Tampa Bay Lightning home games
- MacDill Air Fest
- Gasparilla Parade
- Gasparilla Children's Parade
- Gasparilla Distance Classic
- Riverfest

2.04.03 All existing vehicular and pedestrian travel patterns for the Selmon Expressway and Brandon Parkway shall be maintained at all times. Any alteration to existing travel patterns shall be accompanied by a signed and sealed Maintenance of Traffic (MOT) plan for Authority approval.

2.05 The Contractor shall coordinate with Authority field representatives to gain access to fenced locations in performance of the work.

2.06 Tolling fees are not reimbursable and will be included in the mobilization component of the Contractor's Lump Sum bid price.

### 3. SUBMITTALS

3.01 Submit the following in accordance with shop drawing submittal requirements of the General Provisions.

3.01.01 Maintenance of Traffic Plan. The Contractor shall prepare and submit to THEA a signed and sealed MOT Plan.

3.01.02 Shop drawings. All required shop drawings shall be prepared and submitted to THEA for approval.

3.01.03 Schedule. Prior to beginning work, the Contractor shall prepare and submit to THEA for approval a schedule showing proposed dates of each generator replacement.

3.01.04 Contractor shall warranty all work for a period of one (1) year from date of substantial completion. Contractor shall rectify any defects due to faulty materials or workmanship and pay for any damage to other work resulting therefrom within said period. The Authority will give notice of defects with reasonable promptness.

3.01.05 Manufacturer's Warranty. The Contractor shall submit to THEA for each generator, complete manufacturer's warranty information including the date or beginning of the warranty, duration of warranty, and names addresses and

telephone numbers and procedures for filing a claim and obtaining warranty services. The duration of the warranty period shall not be less than two (2) years.

#### **4. CONTRACT DRAWINGS**

4.01 Construction drawings and specifications have been prepared for this project. Drawings provided may not be reflective of all existing conditions the Contractor may encounter. All existing conditions to be encountered shall be verified as to the character, quality, and quantity of work to be performed and materials to be furnished in the performance of the construction drawings. The Contractor shall base their bid solely on their own opinion of the conditions likely to be encountered, and promptly notify THEA of any deviations or disagreements found in the drawings, specifications and/or general conditions or existing field conditions.

##### 4.01.01 Construction Drawings

- 4.01.01. ITS Generator Electrical & Fuel Plans (O-00421)
  - 34<sup>th</sup> Street
  - 78th Street
  - US Highway 301
  - Brandon

4.02 The generator replacement activities are to be performed in accordance with the January 2021 edition of the Florida Department of Transportation (FDOT), Standard Specifications for Road and Bridge Construction, and all applicable local, state, and national electrical codes. All references within the Specifications referring to the Department, shall hereby also refer to THEA

4.03 Drawings, Diagrams, Reports and Photographs are provided for reference of existing conditions as illustrative and not inclusive of all existing conditions and not intended to limit or take the place of an examination of existing conditions by the Contractor. Drawings/Markups provided for the Contractor's information are included below.

##### 4.03.01 Reference Drawings and Documents

- 4.03.01. Selmon West Extension Toll Facilities Electrical Plans
- 4.03.02. Gantry Electrical Plans 12/30/09
  - Plant Ave. Westbound Off-Ramp
  - 22<sup>nd</sup> St. Westbound On-Ramp
  - 50<sup>th</sup> St. Westbound On-Ramp
  - East Selmon Mainline Eastbound and Westbound Gantries

4.03.03. Pages from ORT Conversion ITS Plans

#### **5. PRODUCTS**

5.01 All products used for this project shall adhere to the requirements set forth in the Construction Drawings prepared for this project. Shop drawings shall be submitted for approval by the Engineer of Record and THEA.

## 6. EXECUTION

### 6.01 Work Sequence

- 6.01.01 For this Contract, a period of 120\_calendar days, as identified in the Advertisement, will be allowed after the Notice to Proceed is issued. This period allows time for the Contractor to adjust work forces, equipment, schedules, and the procurement of materials, to proceed in a manner to minimize disruption to the public. Charging of Contract Time will begin when this time period ends or on the actual day that work begins at the site, whichever is the earlier.
- 6.01.02 60 calendar days of Contract Time are allowed for completion of the work, commencing after the period indicated in Section 6.01.01. The charging of contract time will continue, uninterrupted, until Final Acceptance of the work. No other charges shall be paid for before the Contract Time commences.
- 6.01.03 The Contractor shall replace one generator at time. New generators must be fully operational as approved by the Engineer of Record (EOR) Construction Engineering and Inspection (CEI) representative before the Contractor shall move to the next location.
- 6.01.04 The Contractor shall ensure that electrical service remains uninterrupted and shall perform all temporary work necessary to maintain continuity of electrical service when connection is made to existing systems.
- 6.01.05 Existing service shall not be interrupted without prior consent of the Construction Engineering and Inspection (CEI) representative. ~~EOR designated by the EOR and the period of uninterrupted service shall not exceed one hour without prior approval of the EOR.~~ The Contractor shall have a temporary generator available at each location where power is interrupted. For the Tolling Generator Replacements, THEA will have its tolls support team to provide and hook-up THEA's tolls portable power generator for the duration of the installation of the toll power generator units.

### 6.02 Issue Escalation

In the event issues arise during the prosecution of the work, the issue escalation and resolution will be processed as detailed herein.

- 6.02.01 All issues shall be directed to the CEI Construction Project Manager (TBD). The Contractor shall provide all supporting documentation relative to the issue being escalated, and any documentation not provided in the initial contact with the CEI Construction Project Manager shall not be considered.
- 6.02.02 If the issue cannot be resolved by the CEI Construction Project Manager in coordination with the General Engineering Consultant



representing THEA as applicable, the General Engineering Consultant representing THEA shall forward the issue to THEA's Director of Operations and Engineering who will coordinate with the General Engineering Consultant representing THEA and CEI, as applicable.

6.02.03 Each escalation level shall have a maximum of five (5) calendar days (excluding weekends and THEA observed holidays) to answer, resolve, or address the issue.

6.02.03.01 The five (5) calendar day period (excluding weekends and THEA observed holidays) begins when each level in the issue escalation process has received all required supporting documentation necessary to arrive at an informed and complete decision.

6.02.03.02 The five (5) calendar day period (excluding weekends and THEA observed holidays) is a response time and does not infer resolution.

6.02.04 Questions asked by THEA may be expressed verbally and followed up in writing within one (1) calendar day (excluding weekends and THEA observed holidays). Responses provided by the Contractor may be expressed verbally and followed up in writing within one (1) working day.

6.02.05 Once a response is received from the Director of Operations and Engineering, the CEI will respond to the Contractor in a timely manner but not to exceed three (3) calendar days (excluding weekends and THEA observed holidays).

6.02.06 The Contractor shall provide a similar issue escalation process for their organization with personnel of similar levels of responsibility.

## **7. MEASUREMENT AND PAYMENT**

7.01 See Section 01026

7.02 The Contractor shall submit within 10 calendar days of NTP a Schedule of Values with sufficient detail to assess the performance of the Work. The Schedule of Values shall be approved by the Authority prior to any invoicing.

7.03 The Contractor shall submit within 10 calendar days of NTP a project schedule. The project schedule shall be approved by the Authority. The project schedule shall be updated to reflect the actual start date of Contract Time in accordance with Section 6.01.01.

**[END OF 01010 - SUMMARY OF WORK]**

### III. INSTRUCTIONS TO BIDDERS

1. THEA must receive all submittals at the location stated below, not later than 2:00 PM Eastern Daylight Time on **6/18/2021**. Any submittal received after the stated time and date shall not be considered. It shall be the sole responsibility of the firm to have its package delivered to THEA by U.S. Mail, hand delivery, or any other method available to them; however, emailed, facsimile or telegraphic submittals will not be accepted. Delay in delivery shall not be the responsibility of THEA. Submittals received after the deadline shall not be considered and may be returned only at the firm's expense.
2. Attendance at the Pre-Bid Meeting is **not mandatory** for all bidders.
3. Each firm shall examine all documents and shall determine all matters relating to the interpretation of such documents.
4. The following forms are required by THEA to be submitted as part of the Bid Proposal Package:
  - A ~ Public Entity Crime
  - B ~ Drug-Free Work Place
  - C ~ Bid Proposal Form
  - D ~ Anticipated SBE
  - E ~ Conflict of Interest
  - F ~ Experience and Reference
5. One (1) original sealed Bid Proposal form and required forms above must be delivered to THEA's Procurement Department in one package, clearly marked on the outside, "**Invitation to Bid O-00421 for the Tampa Hillsborough County Expressway Authority**" with date sent or delivered to:

Man Le ~ Procurement Manager  
1104 East Twiggs Street, Suite 300  
Tampa, FL 33602
6. THEA shall not be liable for any expenses incurred in the preparation of the bid proposals.
7. THEA reserves the right to accept or reject any or all bid proposals, to waive irregularities and technicalities, and to request resubmission or to re-advertise for all or any part of the work. THEA shall be the sole judge of the submittals and the resulting negotiated agreement that is in THEA's best interest, and THEA's decision shall be final.
8. Joint proposals will not be accepted.
9. The successful firm shall be required to execute an agreement, in form and content acceptable to THEA, indemnifying and holding harmless THEA, its officials, officers, employees, and agents from all claims.
10. **Firms, their agents, or associates shall refrain from contacting or soliciting any THEA staff or members of the Board directly or indirectly regarding this ITB during the selection process. Failure to comply with this provision may result in the disqualification of the firm. All requests for clarification or additional information should be made in writing via email to: [Man.Le@tampa-xway.com](mailto:Man.Le@tampa-xway.com)**

#### IV. QUALIFICATIONS:

1. The bidder must include with its proposal package all completed required forms as indicated in Section III Instructions to Bidders. Failure to submit all completed forms may be cause for rejection at the sole option of THEA.
2. Personnel proposed for the project shall be available to perform the work as described. All personnel shall be considered to be, at all times, the employees, or agents of the bidder and not employees or agents of THEA. Procedures shall be in place for prompt temporary replacement of absent employees and timely permanent replacement of staff vacancies.
3. The bidder shall designate from its staff a full-time, qualified Project Manager having at least 5 years of experience in performing and/or administering similar types of work as this project. The Project Manager shall be the single point of contact as liaison with THEA during the procurement process and during performance of the project. The Project Manager shall be the responsible person in charge of coordinating day to day work activities, schedules, payment applications, directing the firm's work forces, reports, day to day administrative matters and other related items necessary to fulfill the requirements of the Contract.
4. The bidder shall include a Master or Certified Electrician and Intelligent Transportation Systems Specialist to handle the ITS electrical and communication needs or be prequalified with FDOT for the following construction work classes:
  - a. Electrical Work and Intelligent Transportation Systems

#### V. SELECTION PROCESS

The selection process for this ITB will consist of the following.

##### **EVALUATION CRITERIA:**

Proposals will be evaluated on whether the bidder is responsible and responsive to this solicitation, with the objective to evaluate those bids and responses and to award a contract for the work to the firm with the **lowest total bid price**.

THEA will determine if the firm's bid is responsive and responsible bidder, in its sole and absolute discretion, considering all relevant facts and information.

##### **FINAL SELECTION:**

The bidder with the **lowest total bid price** will be presented to THEA's Board of Directors for consideration and approval with a recommendation that the bidder be selected per the Schedule of Events below.

## VI. SCHEDULE OF EVENTS

EVENT	DATE/TIME
Release of Invitation to Bid (ITB)	5/21/2021
Non-Mandatory Pre-Bid Meeting via Zoom Register in advance for this meeting: <a href="https://zoom.us/meeting/register/JJucuugqDIiEtKwuWhJd7sZvnlfEPa8TNsd">https://zoom.us/meeting/register/JJucuugqDIiEtKwuWhJd7sZvnlfEPa8TNsd</a> After registering, you will receive a confirmation email containing information about joining the meeting.	5/27/2021 @ 2 p.m. EST
<b>Site Visits (To schedule please contact Mr. Man Le @ Man.Le@tampaxway.com)</b>	<b>6/2/2021</b>
Deadline for Questions/Request for Clarification	<b>6/8/2021</b> <del>6/3/2021</del>
Deadline for THEA to respond to firm's questions	6/10/2021
<b>Bid Proposal Package Due Date/Time (Deadline)</b> <i>Location:</i> Transportation Management Center (TMC) 1104 East Twiggs Street, Suite 300 Tampa, FL 33602 <b>Public Opening of Proposals</b>	<b>6/18/2021 by 2 p.m. EST</b>
Post Notice of Intended Ranking to THEA's website and Demandstar.	6/21/2021
Board Approval of Final Ranking & Award of Contract @ TMC, Board Room	6/28/2021
Posting of Award of Contract to THEA's website and Demandstar.	6/29/2021

## VII. TERMS AND CONDITIONS

THEA reserves the right to reject all proposals, any proposal not conforming to this Invitation to Bid, and to waive any irregularity or informality with respect to any proposal. THEA further, reserves the right to request clarification of information submitted and to request additional information from one or more firms.

THEA requires that the firm selected will not discriminate under the contract against any person in accordance with federal, state, and local governments' regulations. THEA requires the firm selected make an affirmative statement to the effect that their retention shall not result in conflict of interests with respect to THEA.

THEA requires that the firm make an affirmative statement to the effect that they have not contacted, or attempted to contact, any member of the Board, or THEA staff, except as expressly permitted in the ITB.

**Respondents MUST** acknowledge receipt of this Addendum/Letter of Clarification by signing, dating and returning the completed Acknowledgement of Receipt of Letter of Addendum/Clarification form **with Respondent's proposal**.

All other items, conditions, and specifications in the procurement document not specifically changed by the Addendum remain unchanged.

Please send all questions to THEA's Procurement Manager, Man Le, via email at [Man.Le@tampa-xway.com](mailto:Man.Le@tampa-xway.com).

**ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM and/or LETTER OF CLARIFICATION**

Were Addenda issued on this Solicitation?

- Yes
- No

Were Letter of Clarification issued on this Solicitation?

- Yes
- No

I (We) hereby acknowledge receipt of the following Addendum/Addenda issued in reference to this solicitation by listing the Addenda by number, date and signing the form:

Addendum \_\_\_\_\_ Date: \_\_\_\_\_  
Addendum \_\_\_\_\_ Date: \_\_\_\_\_

Letter of Clarification \_\_\_\_\_ Date: \_\_\_\_\_  
Letter of Clarification \_\_\_\_\_ Date: \_\_\_\_\_

**BIDDER:**

By: \_\_\_\_\_  
Authorized Signature  
\_\_\_\_\_  
Printed Name of Signer  
\_\_\_\_\_  
Title of Signer  
\_\_\_\_\_  
Date Signed

**[END OF ACKNOWLEDGMENT OF RECEIPT FORM]**

**TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY**  
**THEA PROCUREMENT/CONTRACT NO.: ITB-O-00421**  
**THEA CPMP NOs.: XXXXXX**  
**THEA PROJECT/SERVICE TITLE: ITS & TOLL GENERATOR REPLACEMENT**

**BID TABULATION SHEET ~ updated 6/1/2021**

PAY ITEM #	UNIT	QUANTITY	DESCRIPTION	LUMP SUM COST (\$)
SECTION 1 - TOLLING				
999-2-01	LS	1	34th Street Generator Replacement Including Electrical and Fuel Connections	\$ -
999-2-02	LS	1	78th Street Generator Replacement Including Electrical and Fuel Connections	\$ -
999-2-03	LS	1	US Highway 301 Generator Replacement Including Electrical and Fuel Connections	\$ -
999-2-04	LS	1	Brandon Entrance Generator Replacement Including Electrical and Fuel Connections	\$ -
999-2-05	LS	1	Plant Avenue Tolling Generator Replacement	\$ -
999-2-06	LS	1	22nd Street Tolling Generator Replacement	\$ -
999-2-07	LS	1	50th Street Tolling Generator Replacement	\$ -
999-2-08	LS	1	East Mainline Tolling Generator Replacement	\$ -
SUB-TOTAL SECTION 1 - TOLLING				
TOTAL BID AMOUNT PROJECT No. O-00421				\$0.00
CONTRACT CALENDAR DAYS				0 DAYS
<b>TOTAL BID AMOUNT IN WORDS</b>			<b>ZERO DOLLARS AND</b>	
<b>PROJECT No. O-00421</b>			<b>ZERO CENTS</b>	