

Tampa Hillsborough Expressway Authority

**Intelligent Transportation
Systems (ITS) & Toll
Generator Replacement
Pre-Bid Meeting**

ITB O-00421

5/27/2021 2:00 PM

Zoom Meeting



Introductions

Man Le – THEA Contracts & Procurement Manager

Judith Villegas, EI – THEA Project Manager

Brian Pickard – THEA Director of Operations and Engineering

Rafael Hernandez – THEA Director of Toll Operations

Al Stewart, PE – THEA GEC

David Hubbard, PE – THEA GEC

Terry Opdyke- THEA GEC

Steve Martin, PE- THEA CEI

Project Roles

- **Tampa Hillsborough Expressway Authority (THEA)**- Owner
 - **Judith Villegas, EI**- THEA Project Manager
- **HNTB**- General Engineering Consultant (GEC) to THEA
- **EXP**- CEI Consultant to THEA
- **Hall Engineering**- Design Consultant to THEA (ITS Generators)

Agenda

- Project Overview & Objectives
- Location Map
- Generator Sites
- TTCP/Work Hours
- Procurement Schedule
- SBE
- Project Bid Proposal
- Project Documents
- Site Visits
- Questions



Project Overview & Objectives

Replace four generators servicing the Tolling Equipment at the following locations:

- Plant Ave Westbound Off-ramp
- 22nd Street Westbound On-ramp
- 50th Street Westbound On-ramp
- East Mainline Tolling Gantries.

Contractor will utilize the existing concrete pads and anchoring connections.

Project Overview & Objectives

Replace four generators servicing the ITS Equipment at the following locations:

- 34th Street
- 78th Street
- US Highway 301
- Brandon Entrance to the Reversible Express Lanes

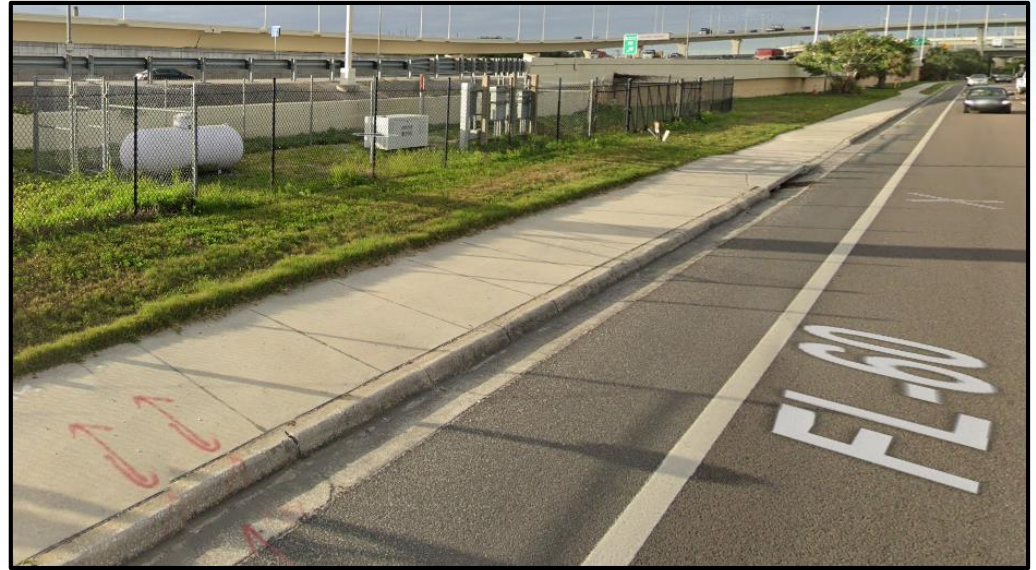
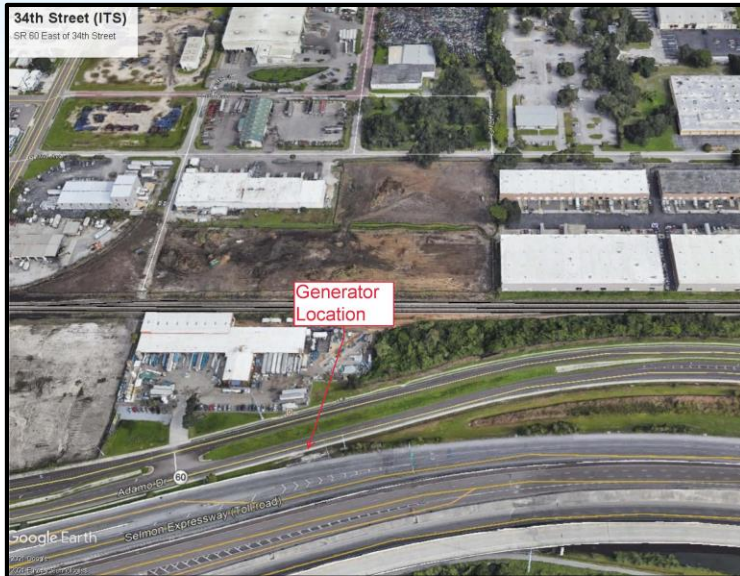
Contractor will utilize existing concrete pads.

Sites will require electrical & fiber work. New loads will be added to existing circuit.

Generator Sites

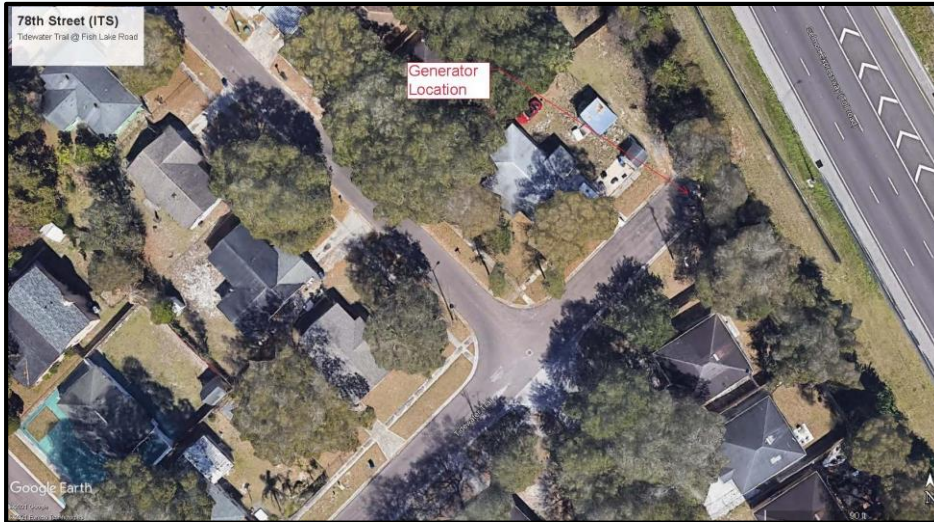
Generator ID	Function ITS/Toll	Generator Access Location	Existing Concrete Pad Size
34 th Street	ITS	SR 60 E. of 34 th Street	7' x 4'
78 th Street	ITS	Tidewater Trail @ Fish Lake Road	7' x 4'
U.S. 301	ITS	S. 86 th Street @ Palm River Road	7' x 4'
Brandon REL Gates	ITS	Under REL Abutment @ Gornto Lake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

Location Map



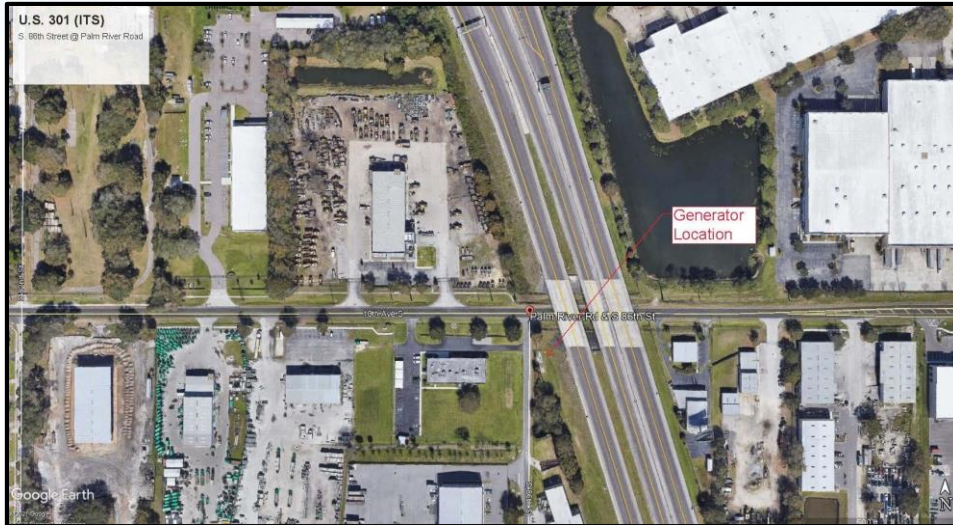
ITS: 34th Street Generator

Location Map



ITS: 78th Street Generator

Location Map



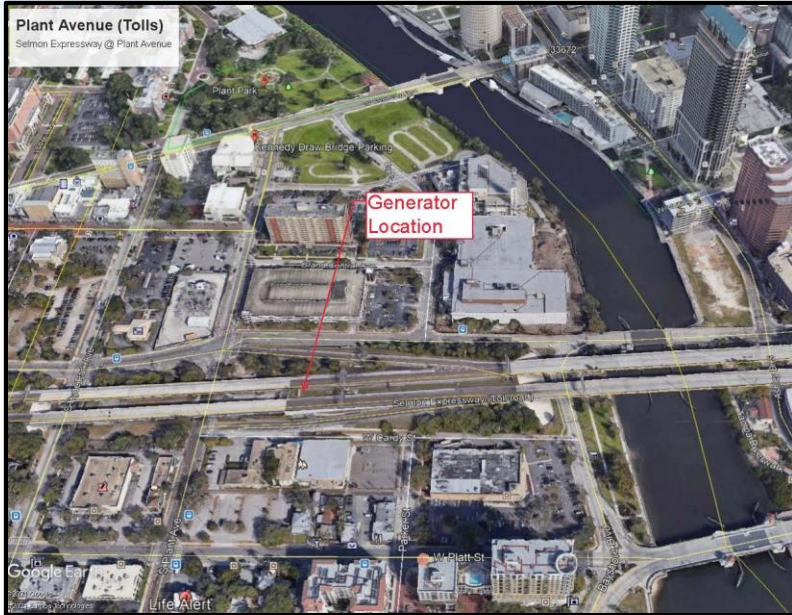
ITS: US 301 Generator

Location Map



ITS: Brandon REL Entrance

Location Map



Tolls: Plant Avenue

Location Map



Tolls: 22nd Street On-Ramp Generator

Location Map



Tolls: 50th Street On-Ramp Generator

Location Map

Tolls: East Mainline Gantry



ITS Generator Sites



34th St.



78th St.



US 301



Brandon

Tolling Generator Sites



Contract Time

- 120 calendar days will be allowed after Notice to Proceed is issued for procurement of materials, work forces, etc.
- Contract Time will begin when this period ends or on the actual day work begins- whichever is earlier.
- 60 calendar days of Contract Time will be allowed for completion of work.

TTCP/Work Hours

- Lanes Closures **NOT** allowed Monday thru Friday between the hours of:
 - Selmon Express Local Lanes & Ramps: 6:00 AM to 9:00 AM
 - Reversible Express Lanes & Ramps: 3:00 PM to 6:00 PM
 - No Lane Closures allowed during non-work periods.
- 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

TTCP/Work Hours

- Any alteration to existing travel patterns shall be accompanied by a signed and sealed Maintenance of Traffic (MOT) plan for Authority approval.
- 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.
 - 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. The contractor will be responsible for portable generator power at the ITS Generator replacement sites.

Procurement Schedule

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: https://zoom.us/meeting/register/tJlucuugqDliEtKwuWhJd7sZvnlfEPa8TNsd After registering, you will receive a confirmation email containing information about joining the meeting.	5/27/2021 @ 2 p.m. EST
Deadline for Questions/Request for Clarification	6/3/2021
Deadline for THEA to respond to firm's questions	6/10/2021
Bid Proposal Package Due Date/Time (Deadline) Location: Transportation Management Center (TMC) 1104 East Twiggs Street, Suite 300 Tampa, FL 33602	6/18/2021 by 2 p.m. EST
Public Opening of Proposals	
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

SBE

THEA's Small Business Enterprise (SBE) Policy requires nondiscrimination on the basis of race, color, national origin, and gender in its employment and contracting practices and encourages the solicitation and utilization of SBE's. This means that the Authority's goal is to spend a portion of the highway dollars with Certified SBE's as prime Design-Build Firms or as subcontractors. Race-neutral means that the Authority believes that the overall goal can be achieved through the normal competitive procurement process. THEA has exceeded 15% SBE participation on its program for the last several years.

Project Bid Proposal

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

PAY ITEM #	UNIT	QUANTITY	DESCRIPTION	UNIT 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	\$	-

Project Site Visits

- THEA will be scheduling site visits for Wednesday, June 2 at two ITS Generator sites and one Tolling Generator site.

Contact Man Le for information and to sign up.

Project Documents

<http://www.tampa-xway.com/procurement/#>

The **cone of silence** remains in place for all THEA, HNTB, Hall, Burgess & Niple, and EXP staff. The cone of silence begins on date of advertisement and ends upon Board Approval.

All questions should be emailed to Man Le, THEA Contracts & Procurement Manager: man.le@tampa-xway.com

Answers will be posted on the THEA website and Demandstar



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