



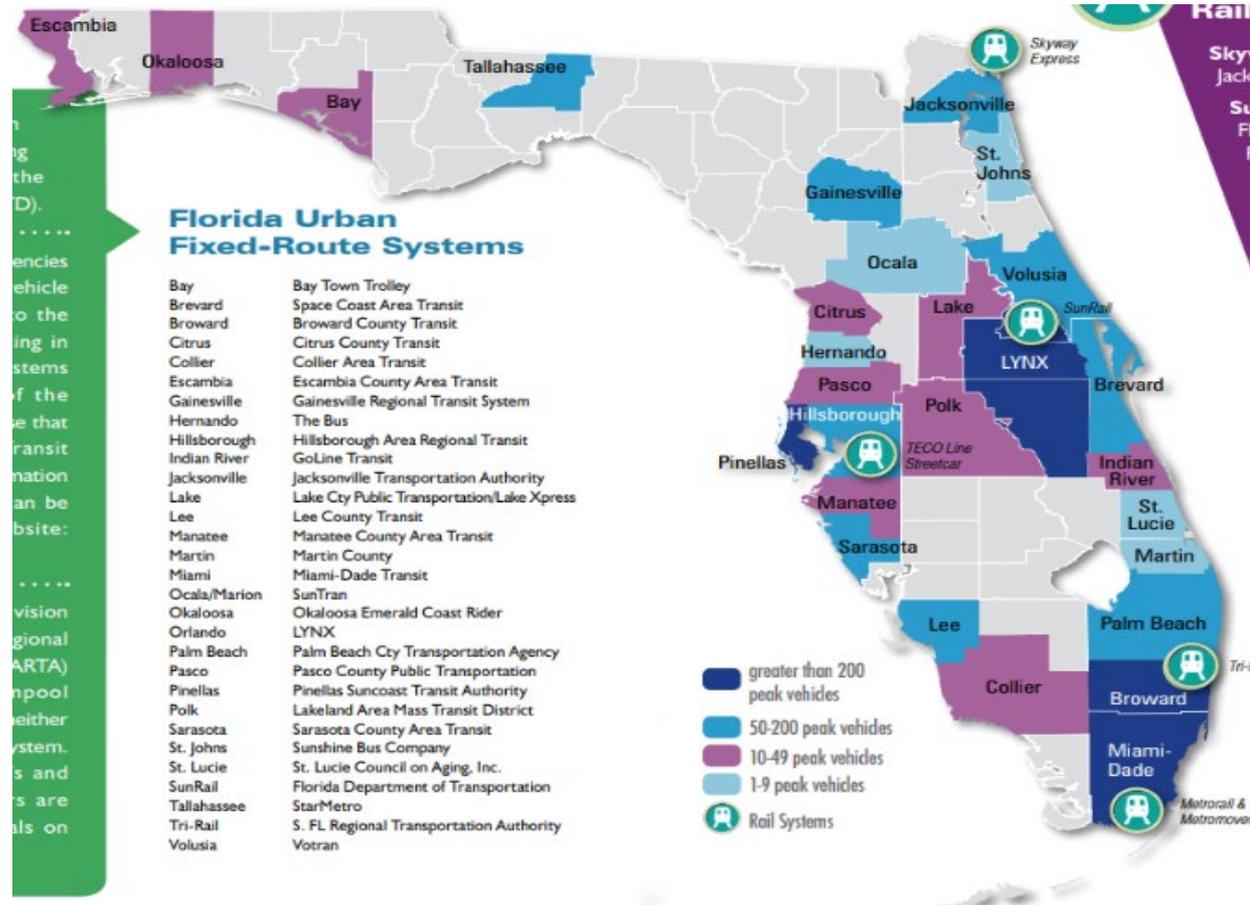
Statewide Electric Transit Buses Procurement

Pinellas Suncoast Transit Authority (PSTA)
St. Petersburg, Florida

Background

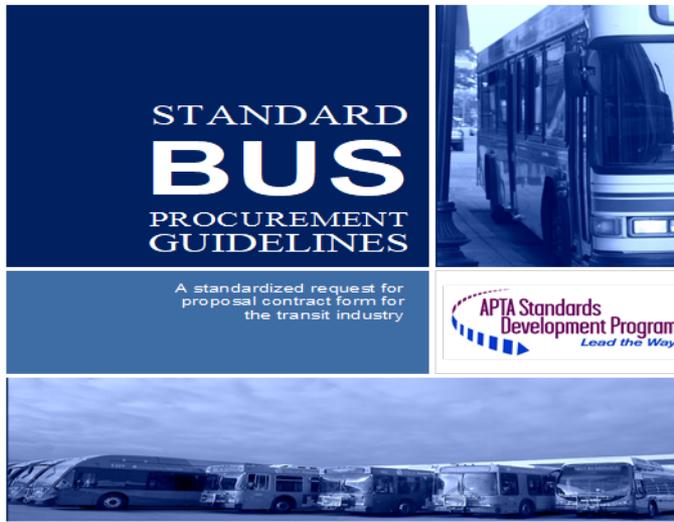
- Consortium RFP is designed to pool Florida TA's bus purchases.
- More TA's equals higher buying power potential & better pricing.
- One lead TA is selected to carry out the procurement process.
- Other Florida TA's allowed to purchase off of the finalized contract (s).

FPTA's membership is composed of 40 urban and rural transit systems.



Specification Methodology

- APTA Standard Bus Guidelines—Modified for ZEV's



- Bus Sizes: 30ft, 35ft, 40ft, 45ft (commuter), 60ft (articulating).
- Bus design inherent to the manufacturer.
- Technical narratives were requested to answer key questions.

Review Process



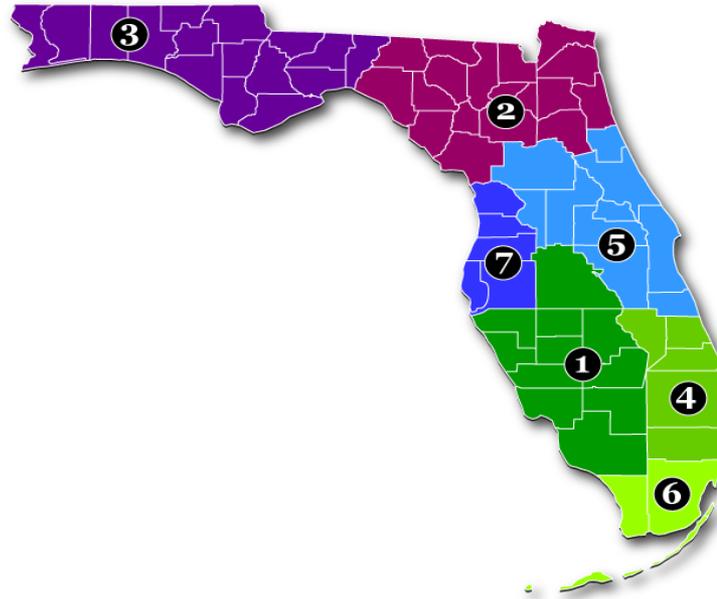
Federal Transit
Administration



Transit Maintenance Analysis and Resource Center
(TMAARC)

Florida Transit Maintenance Consortium
(FTMC)

Evaluation Committee



Pricing Schedule

- Current Contract--utilizes the U.S. Department of Labor/Bureau of Labor Statistics Producer Price Index (“PPI”) Category 1413, “Trucks and Bus Bodies”.
- The escalation in this index is used to adjust the Base Order Prices.

Electric Bus Dashboard

Electric Bus Cost Inputs

Please select from the below options to populate your Cost Report

Do you have a budget or an ideal amount you'd like to spend?
Amount \$ 1,000,000

Vendor
 BYD Gillig New Flyer Proterra

Component Category

ADVERTISING FRAMES	AIR SYSTEM	AUTOMATIC PASSENGER COUNTER
AXLES & SEALS	BASE BUS	BATTERIES
BIKE RACKS	COMMUNICATIONS SYSTEM	Cost of (1) On Route Charger
DECALS & SIGNAGE	DESTINATION SIGNS	DOOR SYSTEM
DRIVER BARRIER	DRIVERS SEAT	ELECTRICAL EQUIPMENT CABINET
EXTERIOR LIGHTS	EXTERIOR MIRRORS	

Component

- ELECTRICAL EQUIPMENT CABINET - Add Exhaust Ventilation Fan--Each
- ELECTRICAL EQUIPMENT CABINET - Add Standard Key Lock--Each
- ELECTRICAL EQUIPMENT CABINET - BYD 50"H X 41"W X 26" D
- EXTERIOR LIGHTS - 2 LED Headlights (High Beam Only)
- EXTERIOR LIGHTS - 2 LED Headlights (Low Beam Only)
- EXTERIOR LIGHTS - 4 LED Headlights (Low & High Beam)
- EXTERIOR LIGHTS - 4" Diameter LED Tail Lights--Turn, Tail, Stop, Reverse
- EXTERIOR LIGHTS - 7" Diameter LED Tail Lights--Turn, Tail, Stop, Reverse
- EXTERIOR LIGHTS - Add 18" Amber LED Strip Brake Light--Each
- EXTERIOR LIGHTS - Add 18" Red LED Strip Brake Light--Each
- EXTERIOR LIGHTS - Add 4" Diameter LED Brake Light--Each
- EXTERIOR LIGHTS - Add 7" Diameter LED Brake Light--Each
- EXTERIOR LIGHTS - Add Amber Triangle Style LED "Yield" Sign
- EXTERIOR LIGHTS - Add Red LED "STOP" Sign
- EXTERIOR LIGHTS - Dual Halogen Headlights (Low & High Beam Only)
- EXTERIOR LIGHTS - Fog Lights
- EXTERIOR MIRRORS - 5" Mirror Front Bike Rack Mirror
- EXTERIOR MIRRORS - Add Turn Signal Indicator on Exterior Mirror Head
- EXTERIOR MIRRORS - B&R 10"x11", 2-Piece, Heated, Remote Control (Both Sides)
- EXTERIOR MIRRORS - B&R 10"x13", 1-Piece, Heated, Remote Control (Both Sides)
- EXTERIOR MIRRORS - B&R 8"x10", 2-Piece, Heated, Remote Control (Both Sides)
- EXTERIOR MIRRORS - B&R 8"x15", 2-Piece, Heated, Remote Control (Both Sides)
- EXTERIOR MIRRORS - B&R 8"x8", 1-Piece, Remote Control Both Sides, Stainless Steel Arms
- EXTERIOR MIRRORS - Delete Remote Control (Per Side)
- FARE COLLECTION - Add Farebox Lamp, Ceiling mounted
- FARE COLLECTION - GF14T Tall Odyssey
- FARE COLLECTION - Install Customer Provided Farebox Base Plate
- FARE COLLECTION - No Farebox, Provide Power Circuit and Groundstrap Only
- FIRE SUPPRESSION SYSTEM - Add Kidde Armored LTD
- FIRE SUPPRESSION SYSTEM - Add Kidde Optical Sensor (each)
- FIRE SUPPRESSION SYSTEM - Add Kidde TLSE
- FIRE SUPPRESSION SYSTEM - Amerec V-25 Fire Suppression System
- FIRE SUPPRESSION SYSTEM - Fogmaker Water Mist Fire Suppression System
- FIRE SUPPRESSION SYSTEM - Kidde Dual Spectrum LTD Fire Detection and Suppression System

Electric Bus Cost Summary

Row Labels	Sum of Yr1
ADVERTISING FRAMES	\$ 267.32
AIR SYSTEM	\$ -
AUTOMATIC PASSENGER COUNTER	\$ 7,190.00
AXLES & SEALS	\$ 14.30
BATTERIES	\$ 52.00
BIKE RACKS	\$ 1,208.52
COMMUNICATIONS SYSTEM	\$ 715.00
Cost of (1) On Route Charger	\$ 49,200.00
DECALS & SIGNAGE	\$ -
DESTINATION SIGNS	\$ 1,808.00
DOOR SYSTEM	\$ 1,558.06
DRIVER BARRIER	\$ -
DRIVERS SEAT	\$ 403.90
ELECTRICAL EQUIPMENT CABINET	\$ -
EXTERIOR LIGHTS	\$ -
EXTERIOR MIRRORS	\$ 1,203.32
BASE BUS	\$ 950,000.00
Grand Total	\$ 1,012,977.51

Electric Bus Cost Graphs

Cost by Component

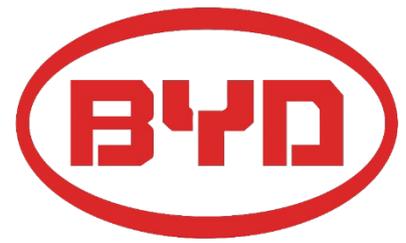
Cost Estimate Versus Budget

Action

Approve Awarding Five Year Contracts for All Electric Transit Buses with Charging and Associated Equipment as a Florida State Schedule to:

Action

GILLIG



Build Your Dreams®



PROTERRA



NEW FLYER®



30ft 35ft 40ft 45ft 60ft