

☒ Consent
☐ Ordinance

☐ Regular
☒ Public Hearing

Assistant County Administrator

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2019	2020	2021	2022	2023
Capital Expenditures	0				
Operating Costs	0				
External Revenues	0				
Program Income(County)					
In-Kind Match(County					
NET FISCAL IMPACT	0				
#ADDITIONAL FTE	0				
POSITIONS (CUMULATIVE					

Is Item Included in Current Budget?	Yes	<u>No</u>
Does this item include the use of federal funds?	Yes	No

Budget Account No:

Fund	Agency	Organization	Object
------	--------	--------------	--------

B. Recommended Sources of Funds/Summary of Fiscal Impact:

There is no fiscal impact at this time. If awarded, the grant will cover the costs to acquire the buses and charging stations. Cost for operations and maintenance will be included in future Palm Tran operating budgets.

C. Departmental Fiscal Review: Carol Richmond 3/4/19
Carol Richmond, Interim Director Administrative Services

III. REVIEW COMMENTS:

A. OFMB Fiscal and/or Contract Dev. and Control Comments:

OFMB Fiscal and/or Contract I

Alex Ponz 3/4/19

08
34 OFMB

rol Comments:

In. S. Jacobson 3/8/19

Contract Dev. & Control

3/8/19 *tw*

B. Legal Sufficiency


Assistant County Attorney

C. Other Department Review

Department Director

(THIS SUMMARY IS NOT TO BE USED AS A BASIS FOR PAYMENT.)

RESOLUTION NO. R -

RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS (BCC), OF PALM BEACH COUNTY, FLORIDA, AUTHORIZING THE SUBMITTAL OF AN APPLICATION FOR FINANCIAL ASSISTANCE PURSUANT TO THE PALM BEACH TRANSPORTATION PLANNING AGENCY (TPA) 2019 LOCAL INITIATIVES PROGRAM FOR FUNDING FOR A PROPOSED TRANSPORTATION PROJECT; AGREEING TO FUND THE ONGOING MAINTENANCE AND OPERATIONS EXPENSES ASSOCIATED WITH THE PROJECT; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the BCC is eligible to apply for funding in an amount not to exceed \$5 Million from the TPA 2019 Local Initiatives Program; and

WHEREAS, the BCC desires to accomplish a Fixed Route Electric Bus Transition Initiative (the Project); and

WHEREAS, the Project does not involve construction, and no right-of-way is needed to implement the project

WHEREAS, If the Project is funded by the TPA, the BCC agrees to appropriate such funds as may be necessary to manage the implementation of the project, and to be reimbursed for eligible costs associated with the Project in an amount not to exceed \$5,000,000; and

WHEREAS, after completion of the Project, the BCC agrees to appropriate such funds as may be necessary for the continued operation and maintenance of the Project.

NOW THEREFORE, BE IT RESOLVED THAT:

1. The foregoing recitals are incorporated herein as true and correct findings of BCC.
2. The Board of County Commissioners does hereby approve the submission of a Grant Application, for \$3,772,287 to the Palm Beach Transportation Planning Agency (TPA).
3. The Palm Beach County Administrator, and the Executive Director of Palm Tran are each authorized to furnish such additional information or documentation that the TPA may require in connection with the project.
4. The BCC agrees to appropriate such funds as may be necessary to implement the and to support the continued operation and maintenance of the Project.
5. The Mayor is authorized to sign the grant application for the Local Initiatives Program.
6. This Resolution shall take effect upon adoption.

The foregoing Resolution was offered by Commissioner _____, who moved its adoption. The motion was seconded by Commissioner _____.

and upon being put to a vote, the vote was as follows:

Commissioner Mack Bernard, Mayor	_____
Commissioner Dave Kerner, Vice Mayor	_____
Commissioner Hal R. Valeche	_____
Commissioner Gregg K. Weiss	_____
Commissioner Robert S. Weinroth	_____
Commissioner Mary Lou Berger	_____
Commissioner Melissa McKinlay	_____

The Mayor thereupon declared the resolution duly passed and adopted this

_____ day of _____, 2019.

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY

PALM BEACH COUNTY, FLORIDA
BY ITS BOARD OF COMMISSIONERS
Sharon R. Bock, Clerk and Comptroller

By: _____	By: _____
County Attorney	Deputy Clerk

2019 APPLICATION FORM
Project Funding for Local Initiatives (LI)
Construction Projects

Project Title Palm Beach County Electric Bus Transition Initiative
Applicant Palm Beach County Board of County Commissioners

WHAT DO YOU WANT TO BUILD?

In no more than 3 sentences, provide a general description of the project and what it will accomplish.

Palm Beach County is committed to reduce greenhouse emissions, the County is listed in the Environmental Protection Agency (EPA) 2018 National Priority Area List, as an area where the population is exposed to more than 2.0 µg/m³ of diesel particulate matter emissions. The county requests \$3,772,287 which is the cost of replacing three (3) diesel vehicles with electric buses.

WHO OWNS THE RIGHT-OF-WAY?

Check whether the applicant and/or another agency owns the right-of-way where the project will be built. Resolution of support from facility owner clearly indicating that the project may be constructed as proposed is a required attachment (see submittal checklist).

- ☒ Applicant ☐ Other Entities _____
Requires resolution letter from owner allowing project to be built.

The project does not require construction.

WHO IS DOING WHAT?

Check the applicable boxes. All projects on state highways must be administered and constructed by FDOT. For projects on local roadways (county or city), the applicant may administer the project or ask FDOT to administer the project on their behalf. Locally administered projects require a Local Agency Program (LAP) agreement to administer Federal Aid projects in accordance with FDOT's Local Agency Program Manual (topic no. 525 010 300).

	<u>Administered by:</u>	<u>Funded by:</u>
Design (PE)	<input checked="" type="checkbox"/> Applicant or consultant ⁽¹⁾⁽²⁾ <input type="checkbox"/> FDOT (requires prior approval)	<input checked="" type="checkbox"/> Applicant (required if locally administered) <input type="checkbox"/> TPA (if FDOT administered)
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(1) FDOT pre-qualified consultants must be used on all design and CEI work for critical projects (a project is considered critical when it is on the State Highway System (SHS), features a major structure, and/or has a budget greater than \$10 million)

(2) Design consultant and CEI consultant shall not be the same.

APPLICANT CONTACT INFORMATION

Contact Person Claudia Salazar
Title Mayor
Email csalazar@pbcgov.org
Phone Number 5618414241
Address 345 S. Congress Ave. Delray Beach, FL 33445

PROJECT LOCATION

Road Name 3201 Electronics Way, West Palm Beach, FL 33407
Road Number US, SR, CR, etc.

Project Limit Begin Provide a commonly recognizable termini (street, bridge, etc.)
Project Limit End

QUALIFYING ACTIVITIES FOR FUNDING

Check the box that represents the majority of the work the proposed project will address. Eligible activities must be consistent with details described under 23 U.S.C. 133(b).

- ☐ Complete Street projects - Including Lane Narrowing, Lane Elimination, Bicycle Facilities, Pedestrian Facilities, Transit Infrastructure, Intelligent Transportation Systems (ITS), Median Modifications, Signing and lighting, Turn Lanes, Traffic Signals, Striping and Marking.
- ☒ Transit capital - purchases of vehicles, shelters, park-and-ride facilities. Can also pay up to 50% of a 3-year turn-key contract for new transit service (e.g. trolley service)
- ☐ Non-motorized infrastructure - Separated, Buffered and/or designated bike lanes, Sidewalks, Shared-use paths, Street lighting
- ☐ Freight efficiency - Airport or seaport off-site capacity improvements, Railway capacity improvements, Truck movement improvements.
- ☐ Other eligible activities not specified above

PROJECT TYPICAL SECTION INFORMATION

Complete the following information for existing & proposed features, dimensions, & right of way lines. The typical section information provides an understanding of the spacing requirement differences between the existing facilities and the proposed facilities.

	EXISTING	PROPOSED
RIGHT-OF-WAY WIDTH		
Project must fit within current ROW, acquisition is not permitted		
PEDESTRIAN OR MULTIUSE FACILITIES		
Length (miles) for one direction. Do not count both sides of roadway.		
Width on North or West side (feet)*		
Width on South or East side (feet)*		
BICYCLE FACILITIES		
Bike Lane Length (feet) for one direction. Do not count both sides of roadway.		
Width on North or West side (feet)* (not Including Buffer Width)		
Buffer Width on North or West side (feet)*		
Width on South or East side (feet)* (not Including Buffer Width)		
Buffer Width on South or East side (feet)*		
Proposed improvements requires:		
Pavement widening <input type="checkbox"/> Sharrows <input type="checkbox"/> Restriping <input type="checkbox"/>		
MOTORIZED VEHICLE FACILITIES		
Number of Through Travel Lanes		
Typical Through Lane Width (feet)		
Total Width* (No. Travel Lanes x Lane Width)		
Posted Speed Limit		
Design Speed (if known)		
MEDIAN/SWALE/CURB		
Median/Center Turning Lane Width (feet)*		
Swale Width (feet)*		
Curb Width (feet)*		
*TOTAL WIDTH OF ALL COMPONENTS (Add all rows with red for total width) Must fit within existing right-of-way.	0	0

RIGHT-OF-WAY OWNERSHIP DOCUMENTATION

Describe the project's existing right-of-way ownerships. This description shall identify when the right-of-way was acquired and how ownership is documented (i.e. plats, deeds, prescriptions, certified surveys, easements). If right-of-way is an easement, please describe the easement language. Right-of-way ownership verification documents are a required attachment (see submittal checklist on page 9).

PROJECT SCOPE OF WORK

Describe how the proposed improvements will affect the following:

ADA items (crosswalks, sidewalks, ramps, etc.)

All proposed crosswalks, sidewalks, ramps, etc. comply with ADA standards ☒ YES ☐ NO

Palm Tran will ensure vehicles acquired meet the accessibility requirements and standards for the vehicle type specified in 49 CFR parts 37 and 38, as applicable.

Access Management revisions (median modifications, impacts to driveways, etc.) YES ☐ NO ☒

Pedestrian and/or Roadway Lighting

Pedestrian lighting proposed YES ☐ NO ☒

Roadway lighting proposed YES ☐ NO ☒

Landscape (with Local Funds)

Median landscape proposed ☐ YES ☒ NO

Other landscape proposed ☐ YES ☒ NO

Irrigation items proposed ☐ YES ☒ NO

Signalization

Pedestrian signals proposed ☐ YES ☒ NO

Existing signalization to be replaced ☐ YES ☒ NO

New traffic signalization proposed ☐ YES ☒ NO

Transit Improvements

Queue jump possible ☐ YES ☒ NO

Transit provider concurrence provided YES ☒ NO ☐

Upgrade existing bus bay area ☐ YES ☒ NO

School Zone Modifications

Existing flashing school zone signal on state road ☐ YES ☒ NO

High emphasis cross walk at unsignalized crossing ☐ YES ☒ NO

Utility Modifications

Sub-surface relocation is required ☐ YES ☒ NO

Utility coordination is required ☐ YES ☒ NO

Drainage and/or other Permits

Existing closed drainage system to remain ☐ YES ☒ NO

Existing open drainage system to remain ☐ YES ☒ NO

Railroad Crossing Modifications

Rail crossing within limits ☐ YES ☒ NO

Replace railroad signal equipment and gates ☐ YES ☒ NO

Bridge Modifications

Proposed pedestrian bridge ☐ YES ☒ NO

Bridge replacement ☐ YES ☒ NO

Proposed bridge widening ☐ YES ☒ NO

Other Scope Items

Procurement of revenue service vehicles will be reviewed in accordance with 49 CFR part 663, Palm Tran will ensure vehicles are tested consistent with 49 CFR 665, meet the requirements of Buy America per 49 CFR 661, and comply with 49 CFR Part 26 DBE for TVM.

Summarize any special characteristics of the project.

The replacement of three (3) diesel vehicles with electric buses will eliminate 5,070 tons of CO2, 30 tons of nitrogen oxides, 1,050 pounds of particulate matter and is equivalent to removing 81 cars off the road.

Identify any upcoming projects or projects currently underway adjacent to the proposed project.

Palm Beach County replaces Fixed Route vehicles when they reach 500,000 miles or 12 years in service. Palm Beach County receives annual allocations from formula grants Section 5307 (Approx. \$16 million) and 5339 (Approx. \$1.6 million). Palm Beach County uses over fifty percent of the 5307 allocation for preventive maintenance, the remainder funds are used for bus replacements, facility rehabilitation, and other key capital projects. Palm Beach County needs the Local Initiatives funding in order to afford replacing diesel buses for electric.

Other specific project information that should be considered.

The primary purpose is to deploy the cleanest U.S.-made transit buses that have been proven in testing and demonstrations but are not yet widely deployed in transit fleets. Palm Tran will replace three (3) diesel buses with electric buses, and install three (3) charging stations. The cost of an electric bus is \$1,144,929 compared to a diesel bus that costs \$575,747. Palm Beach County is requesting \$3,772,287 to fund this project.

PUBLIC INVOLVEMENT AND SUPPORT

Describe the public outreach and support for the project (i.e. petitions, written endorsements, resolutions, etc.). Attach documentation.

Projects impacting single family residential lots will require additional documentation of public support. Additional documentation must indicate that all property owners directly affected by the improvement were notified, that at least 25 percent of the property owners showed support for the project, and that no more than 10 percent of the property owners showed lack of support.

PROJECT MAINTENANCE

Document ownership and maintenance responsibilities for the project when complete. Applicant's Resolution of Support and commitment to fund operations and maintenance of the project is a required attachment. See submittal checklist on page 9).

The Electric Bus Transition Initiative Project will be implemented by Palm Tran's experienced project management team and technical experts in transit operations, with oversight and funding by the Palm Beach County Board of County Commissioners. Palm Tran with a staff of 622 employees provides operations and maintenance services for its fixed route fleet of 139 large, heavy-duty transit buses. Palm Tran is responsible for providing Preventive Maintenance to its fleet including all the activities, supplies, materials, labor, services, and associated costs required to preserve or extend the functionality and serviceability of the assets in a cost effective manner, up to and including the current state of the art for maintaining such asset.

COST ESTIMATE

The total construction amount of Local Initiatives Program funds requested per projects (infrastructure) must be in excess of \$250,000 with a maximum project amount of \$5,000,000.

Local Initiatives Program funds will be used to fund Construction, Construction Engineering and Inspection Activities (CEI) and FDOT in-house support activities. The applicant may also request that Local Initiative Program funds be used for project Design, Environmental Services, and Post Design Services.

Local Funds (LF) will be used for all non-participating items, contingency activities, and any costs in excess of the awarded funding (LI) allocation.

- (a) Provide detailed project cost estimate using one of the following forms. Estimate shall be broken down to eligible and non-eligible project costs. **Estimates are to be prepared and signed by a Professional Engineer from the Local Agency's Engineering office.**
 - a. On-System (on State Highway System) Cost Estimate Sheet
 - b. Off-System (not on State Highway System) Cost Estimate Sheet

Use the following links to access the basis of estimates manual as well as historical information for the project area.

[Basis of Estimates Manual](#)

[Historical Cost Information](#)

CERTIFICATION OF PROJECT SPONSOR

I hereby certify that the proposed project herein described is supported by Palm Beach County
(municipal, county, state or federal agency, or tribal council) and that said entity will:

- 1) provide any funding required in addition to the grant amount;
- 2) enter into a LAP and maintenance agreement with the Florida Department of Transportation;
- 3) have complied with the Federal Uniform Relocation Assistance and Acquisition Policies Act for any Right of Way actions intended for this project previously performed within the project limits;
- 4) will comply with NEPA process prior to construction, which may involve coordination with the State Historic and Preservation Office (SHPO); and
- 5) support other actions necessary to fully implement the proposed project.

I further certify that the estimated costs included herein are reasonable, and that increases in these costs could cause significant increase to the local agency required participation. I understand failure to follow through on the project once programmed in the Florida Department of Transportation's Work Program is not allowed.

*Palm Beach County Board of
County Commissioners, a political
subdivision
of the State
of Florida*
Signature
Commissioner Mack Bernard

Name (please type or print)

Mayor

Title

3/12/2019

Date

FOR FDOT USE ONLY

Project approved by:	<input type="checkbox"/>	<input type="checkbox"/>	date:
Project funded by:	<input type="checkbox"/>	<input type="checkbox"/>	date:
Project included in:	<input type="checkbox"/>	<input type="checkbox"/>	date:
Project included in:	<input type="checkbox"/>	<input type="checkbox"/>	date:

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Pedestrian lighting proposed YES ☐ NO ☒ Roadway lighting proposed YES ☐ NO ☒

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Median landscape proposed ☐ YES ☒ NO Other landscape proposed ☐ YES ☒ NO
Irrigation items proposed ☐ YES ☒ NO

Signalization

Pedestrian signals proposed ☐ YES ☒ NO Existing signalization to be replaced ☐ YES ☒ NO
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- 3) have complied with the Federal Uniform Relocation Assistance and Acquisition Policies Act for any Right of Way actions intended for this project previously performed within the project limits;
- 4) will comply with NEPA process prior to construction, which may involve coordination with the State Historic and Preservation Office (SHPO); and
- 5) support other actions necessary to fully implement the proposed project.

I further certify that the estimated costs included herein are reasonable, and that increases in these costs could cause significant increase to the local agency required participation. I understand failure to follow through on the project once programmed in the Florida Department of Transportation’s Work Program is not allowed.

Signature

Commissioner Mack Bernard

Name (please type or print)

Mayor

Title

3/12/2019

Date

FOR FDOT USE ONLY		
Application received	<input type="checkbox"/>	Yes
Application signed	<input type="checkbox"/>	Yes
Application received	<input type="checkbox"/>	Yes
Application received	<input type="checkbox"/>	Yes



Palm Tran

Administrative Offices

3201 Electronics Way
Palm Beach, FL 33407-4618
(561) 841-4200
FAX: (561) 841-4291

Palm Tran Connection

50 South Military Trail
Suite 101
West Palm Beach, FL 33415-3132
(561) 649-9838
FAX: (561) 656-7156
www.palmtran.org



**Palm Beach County
Board of County
Commissioners**

Mack Bernard, Mayor

Dave Kerner, Vice Mayor

Hal R. Valeche

Gregg K. Weiss

Robert S. Weinroth

Mary Lou Berger

Melissa McKinlay

County Administrator

Verdenia C. Baker

*"An Equal Opportunity
Affirmative Action Employer"*

Official Electronic Letterhead

February 12, 2019

Mr. Nick Uhren
Executive Director
Palm Beach Transportation Planning Agency
2300 North Jog Road
West Palm Beach, FL 33411

Ref: Local Initiatives Program
Project: Palm Beach County Electric Bus Transition Initiative

Dear Mr. Uhren:

Palm Beach County is applying for the 2019 Palm Beach Transportation Planning Agency (TPA) Local Initiatives Program for the above-referenced project. The scope of the project is the replacement of three (3) diesel buses that have reached their useful life with three (3) electric buses and the installation of three (3) charging stations.

The Board of County Commissioners (BCC) has authorized the submittal of this application and a resolution executed by the BCC is attached to the application packet. The BCC supports the implementation of this project as it will reduce our carbon footprint, benefit the health of families in the communities served by Palm Tran and improve the air quality in Palm Beach County. This funding for the Electric Bus Transition Initiative will not only reduce air pollution and improve public health; it will lower fuel and maintenance costs while offering residents and visitors a cleaner, quieter ride.

We look forward to the review of our application and the support of the program to reduce the level of vehicle emissions in the County.

Sincerely,

Mack Bernard, Mayor
Palm Beach County Board of County Commissioners