



# Hallandale Beach Community Redevelopment Agency Agenda Cover Memo

<b>Meeting Date:</b>	September 18, 2023		<b>File No.</b> 23-367	<b>Item Type:</b> (Enter X in box)	<b>Resolution</b> <b>X</b>	<b>Other</b>	
<b>Fiscal Impact:</b> (Enter X in box)	<b>Yes</b>	<b>No</b>	<b>Ordinance Reading:</b> (Enter X in box)	<b>1st Reading</b> <b>N/A</b>		<b>2nd Reading</b> <b>N/A</b>	
	<b>X</b>		<b>Public Hearing:</b> (Enter X in box)	<b>Yes</b>	<b>No</b>	<b>Yes</b>	<b>No</b>
<b>Funding Source:</b>	<b>5910-534010</b>		<b>Advertising Requirement:</b> (Enter X in box)	<b>Yes</b>		<b>No</b>	
						<b>X</b>	
<b>Account Balance:</b>	<b>\$5,002,612.28</b>		<b>RFP/RFQ/Bid Number:</b>		<b>N/A</b>		
<b>Contract/P.O. Required:</b> (Enter X in box)	<b>Yes</b>	<b>No</b>	<b>Project Number:</b>		<b>N/A</b>		
	<b>X</b>						
<b>Redevelopment Goals:</b> (Enter X in box) <ul style="list-style-type: none"> <li><b>Compact &amp; Urban Development Projects</b> <ul style="list-style-type: none"> <li>Goal 1 – Catalytic projects that support the growth of local economy <input type="checkbox"/></li> <li>Goal 2 – Transit supportive Development <input checked="" type="checkbox"/></li> <li>Goal 3 – Neighborhood-level enhancements <input type="checkbox"/></li> </ul> </li> <li><b>Improve Connectivity within community</b> <ul style="list-style-type: none"> <li>Goal 1 – Development of complete streets <input type="checkbox"/></li> <li>Goal 2 – Facilitate &amp; Identify safe access to multiple modes of transportation <input checked="" type="checkbox"/></li> <li>Goal 3- Provide Strategic parking solutions <input type="checkbox"/></li> </ul> </li> <li><b>Create CRA Resiliency</b> <ul style="list-style-type: none"> <li>Goal 1- Utilize innovative means to create sense of place to attract residents &amp; visitors <input type="checkbox"/></li> <li>Goal 2- Use diverse architectural styles &amp; messaging to create iconic buildings &amp; destinations <input type="checkbox"/></li> <li>Goal 3- Prepare for sustainable future through smart technology, social &amp; economic development Programs and environmental measures <input checked="" type="checkbox"/></li> </ul> </li> </ul>							
<b>Sponsor Name:</b>	Dr. Jeremy Earle, Executive Director		<b>Department:</b>	HBCRA			

## **SHORT TITLE:**

**A RESOLUTION OF THE CHAIR AND BOARD OF DIRECTORS OF THE HALLANDALE BEACH COMMUNITY REDEVELOPMENT AGENCY, HALLANDALE BEACH, FLORIDA, APPROVING THE FIRST AMENDMENT TO INTERLOCAL AGREEMENT BETWEEN THE CITY OF HALLANDALE BEACH AND THE HALLANDALE BEACH COMMUNITY REDEVELOPMENT AGENCY; AUTHORIZING THE EXECUTIVE DIRECTOR TO EXECUTE THE FIRST AMENDMENT TO INTERLOCAL AGREEMENT; AUTHORIZING THE EXECUTIVE DIRECTOR TO TAKE ALL ACTION NECESSARY TO IMPLEMENT THE TERMS OF THE FIRST AMENDMENT TO INTERLOCAL AGREEMENT; AND PROVIDING AN EFFECTIVE DATE.**

## **STAFF SUMMARY:**

### **Background:**

In 2017, for the first time ever, the transportation sector emitted more carbon than the electric sector in the state of Florida, with more than 80% of transportation emissions coming from gasoline and diesel-powered light, medium, and heavy-duty vehicles. To reduce emissions stemming from this key sector, the public and private sectors are investing in electric vehicles (EV) and electric vehicle infrastructure. Powered by electricity, electric vehicles offer a significant opportunity to reduce emissions, decarbonize the transportation sector, and reduce health impacts resulting from transportation pollution within communities.

Transit Agencies around the United States are purchasing Battery-powered Electric Buses (BEBs) at increasing rates because BEBs offer a better option than other bus technologies for reducing greenhouse gas emissions, as well as other harmful pollutants in urban areas. The U.S. National Renewable Energy Laboratory has found that the fuel economy of BEBs is five times higher than that of diesel buses operated on equivalent routes. In addition, maintenance costs for electric motors are much lower because they have far fewer moving parts than conventional motors and are far more efficient. Electric batteries do not impose an environmental threat because after they complete their life expectancy, they are widely used for energy storage.

The City of Hallandale Beach (COHB) was awarded a State of Florida Department of Transportation (FDOT) grant in the amount of \$2.5 million to acquire nine electric buses and related equipment, including charging stations, with a City match in the amount of \$2.5 million for a total of \$5 million.

On June 3, 2020, the City Commission adopted Resolution No. 2020-036, approving the FDOT grant agreement with the understanding that the \$2.5M match contribution would be funded partly through the Hallandale Beach

Community Redevelopment Agency (HBCRA) and the City's Transportation Fund. The CRA contributions were to be made effective via an Interlocal Agreement (ILA) between the City and the CRA.

The HBCRA acquired the assistance of Kimley Horn and Associates (KHA) to research and identify vehicle manufacturers, estimate the number of required buses, identify infrastructure needs, and estimate costs to implement electric bus service.

On February 16, 2022 the HBCRA Board of Directors adopted Resolution No. 2022-002 CRA, approving an ILA between the COHB and the HBCRA to provide funding to the City in the amount of \$1,937,128 for the purchase of nine (9) electric buses including charging stations and associated fees.

### **Current Situation:**

Hallandale Minibus Routes connect residents in the City to employment centers while also connecting City Communities to key trip generators such as the mall and hospital. Hallandale's coastal communities have a large seasonal population, which peaks during the winter. Ridership for FY18 was of 278,091 passengers, and for the year FY19 was 284,190, servicing the routes with 5 cutaway vehicles. The minimum ridership level of service was maintain on most routes during the COVID pandemic. It can be said that ridership will increase as a consequence of providing services with shorter headways as well as with a more comfortable transit low-floor vehicle. The City also plans on marketing the new busses to help promote awareness of the service and consequently increase ridership.

The upfront cost of purchasing an electric transit bus is higher than a conventional diesel transit bus, however, over the lifetime of the vehicle, estimated up to 12 years, Battery-powered Electric buses offer significant cost savings as well as societal benefits. The Clean Energy Organization has found that maintenance of an electric bus is just a fraction of what is needed for a conventional bus. Charging the bus with electricity is cheaper than pumping liquid fuel into it. For example, the Chicago Transit Authority is saving \$25,000 per year in fuel per electric bus – that's a \$300,000 savings over the life of an electric bus.

The Electric Bus Initiative is a partnership between COHB, HBCRA, and FDOT that showcases Hallandale Beach's commitment to providing a reliable, safe, sustainable, clean energy transportation system. Incorporating electric transit buses into a bus fleet transitions bus operations away from fossil fuels, reduces air pollution caused by diesel combustion, and creates a brighter tomorrow for all of Hallandale's residents.

The HBCRA and the COHB desire to incorporate certain modifications into the ILA. Due to timing and supply chain disruptions and a high demand for BEBs, buses were not ready for delivery at the originally anticipated date. With the project moving forward and the development of operation and maintenance facility to house and charge the buses, the busses are now slated to arrive in Spring 2024.

The HBCRA is proposing an amendment to the previously approved agreement where the HBCRA will provide a contribution for FY24 in the amount of \$1,937,128 to the COHB for the project, and the City will contribute \$790,382 from the City's Transportation Funds for a total project funding of \$6,134,3384. This amount includes the FDOT grant of \$3,406,828 and the HBCRA contribution. The Project costs include the purchase of the buses, charging equipment and associated fees.

**Recommendation:**

HBCRA Staff recommends the HBCRA Board of Directors consider and approve the attached Resolution approving the amendment to the Interlocal Agreement for the purchase of the electric buses.

**Why Action is Necessary**

Pursuant to the HBCRA By-Laws, the HBCRA Board of Directors must approve all procurement of all goods and services in an amount more than \$50,000.

**PROPOSED ACTION:**

HBCRA Staff recommends the HBCRA Board of Directors consider and approve the attached Resolution approving the amendment to the Interlocal Agreement for the purchase of the electric buses.

**ATTACHMENT(S):**

Exhibit 1 – Resolution  
Exhibit A – First Amendment to ILA  
Exhibit 2 - ILA