



## City of Hallandale Beach City Commission Agenda Cover Memo

Meeting Date:	Item Type:		1 <sup>st</sup> Reading	2 <sup>nd</sup> Reading
<b>6/15/2022</b>	<input checked="" type="checkbox"/> <b>Resolution</b> <input type="checkbox"/> <b>Ordinance</b> <input type="checkbox"/> <b>Other</b>	Ordinance Reading	<b>N/A</b>	<b>N/A</b>
		Public Hearing	<input type="checkbox"/>	<input type="checkbox"/>
		Advertising Required	<input type="checkbox"/>	<input type="checkbox"/>
		Quasi-Judicial:	<input type="checkbox"/>	<input type="checkbox"/>
<b>File No.:</b>				
<b>22-188</b>				
<b>Fiscal Impact (\$):</b>	<b>Account Balance (\$):</b>	<b>Funding Source:</b>	<b>Project Number:</b>	
<b>\$6,150,900</b>	<b>\$806,944</b> <b>\$1,937,128</b> <b>\$3,406,828</b>	<b>160-4130-564010-D1935</b> <b>130-5910-534010</b> <b>150-4881-564010-D1935</b>	<b>D1935</b>	
<b>Contract/P.O. Required</b>	<b>RFP/RFQ/Bid Number:</b>	<b>Sponsor Name:</b>	<b>Department:</b>	
<input checked="" type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b>	<b>eRFP (Event) #:</b> <b>99999-001-SPD0000152</b>	<b>Vanessa Leroy</b>	<b>Community Enhancement &amp; Sustainable Development</b>	
<b>Strategic Plan Focus Areas:</b>				
<input checked="" type="checkbox"/> <b>Finance &amp; Budget</b>		<input type="checkbox"/> <b>Organizational Capacity</b>	<input checked="" type="checkbox"/> <b>Infrastructure/Projects</b>	
<b>Implementation Timeline:</b>				
Estimated Start Date: 6/15/2022    Estimated End Date: 10/30/2023				

### SHORT TITLE:

**A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF HALLANDALE BEACH, FLORIDA, AUTHORIZING AGREEMENT WITH BYD MOTORS LLC FOR THE PURCHASE OF AN ELECTRIC BUS FLEET AND RELATED CHARGING EQUIPMENT FOR A TOTAL AMOUNT NOT TO EXCEED FIVE MILLION NINE HUNDRED SEVENTY-TWO THOUSAND, SEVEN HUNDRED NINETY-SEVEN DOLLARS AND SEVENTEEN CENTS (\$5,972,797.17); PROVIDING FOR CONFLICTS; AND PROVIDING AN EFFECTIVE DATE.**

### STAFF SUMMARY:

**Summary:**

Staff seeks authorization to increase the previously approved amount for the purchase of nine (9) electric buses and related equipment, following price increases effected in the State of Georgia

Contract No. 99999-001-SPD0000138-0008, and to execute any and all related documents. The price increases exceed the not-to-exceed threshold originally approved by the City Commission; therefore, requires City Commission approval.

**Background:**

On February 16, 2022, the City Commission approved the purchase of the nine (9) BYD K7M electric buses and Heliox charging equipment through the State of Georgia Contract No. 99999-001-SPD0000138-0008. The authorizing Resolution 22-017 (Exhibit 2), and City Commission Agenda Cover Memo Granicus 22-007(Exhibit 3), are attached for additional information.

In March 2022, unbeknownst to the City, the State of Georgia Department of Administrative Services (DOAS) approved the BYD Mass Transit Electric Pricing for FY 2022, via DOAS BYD Amendment #3 renewal #2 updated pricing (Exhibit 4), which adjusted overall prices by 7.47 % in all models and options, as well as a modification to K7M bus specs regarding the Battery capacity upgrade to 215 kWh. The base bus price increased from \$504,474 to \$630,000. Other bus elected options, such as the bike rack and video surveillance system, and the delivery fee also increased in price, DOAS approval of Mass Transit Electric Pricing 2022 (Exhibit 5).

BYD negotiated a reduced base bus price of \$595,000 for the City of Hallandale Beach presented in the updated BYD HallandaleBeachLetter\_Updated 05032022Corrected (Exhibit 6), and approved via a letter by DOAS BYD authorization special offer COHB K7M \$595000 (Exhibit 7).

The City of Hallandale Beach was awarded a State of Florida Department of Transportation (FDOT) grant and received \$2.5 million from FDOT via Grant Agreement G1M91 Amendment No. 1 (Exhibit 8) Resolution 2020-036 (Exhibit 9) 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 May 18, 2022, the City Commission accepted supplemental funding awarded by FDOT via grant amendment for Financial Project Number 446652-1-94-01, to increase the amount committed by FDOT by \$906,808 for a total of \$3,406,828 without additional match from the City.

**Current Situation:**

The following table indicates the funding availability for FY22 and FY23, noting additional funds will be budgeted for future years' expenses for the purchase of the buses and charging equipment:

<b>Funding Source</b>	<b>Account</b>	<b>Available Budget FY22</b>	<b>Future Budget FY23</b>
<b>Community Redevelopment Agency</b>	130-5910-534010	\$1,937,128	\$0
<b>City Transportation Fund</b>	160-4130-564010-D1935	\$676,044	\$130,900
<b>City and CRA Match Totals:</b>		<b>\$2,613,172</b>	<b>\$130,900</b>
<b>Grants</b>	150-4881-564010-D1935	<b>\$3,406,828</b>	
<b>Totals</b>		<b>\$6,150,900</b>	

The Community Redevelopment Agency (CRA) Interlocal Agreement committing funds for the purchase of the EV buses is provided in CRA Interlocal Agreement for EV Bus purchase (Exhibit 11).

The Cost of the Standard K7M 30' Heavy-Duty Transit EV Bus provided to Georgia Statewide eRFP approved for the City of Hallandale is \$590,000 plus the Delivery charge @ \$5,20/mile = \$14,268, Bike Rack Option 12 \$2,000.02, Video Surveillance Apollo RoadRunner Option 2 \$10,050.59, and Communication Radio Motorola CM200 Option 66 \$849.68, not including the required DC Battery Charger. The total cost of each bus with the options listed below is \$622,169.09.

Items	BYD Option Description Georgia eRFP	Cost
BYD K7M - 215kWh as per GA spec (Battery Capacity Upgrade)- AC Charger not included	Special Price approved by Georgia DOAS	\$595,000.00
Delivery Charge	Georgia eRFP	\$14,268.80
Bike Rack Option 12	Sportworks Apex 3 Stainless Steel Georgia eRFP Option	\$2,000.02
Video Surveillance Option 2	Apollo RoadRunner DVR 2TB 8 Camera System w/Audio eRFP Option	\$10,050.59
Communication Radio Option 66	Motorola CM200 and CM300, 45W, 439 - 470- MHZ	\$849.68
<b>Cost of each BYD 30 ft., Heavy Duty Low Floor Transit Bus Total Cost with Options</b>		<b>\$622,169.09</b>
<b>Cost of a Fleet of nine (9) BYD 30 ft., Heavy Duty Low Floor Transit Bus Total Cost with Options</b>		<b>\$5,599,521.81</b>

The cost of the BYD/Heliox Flex 180kW Depot battery charging with charging dispensers' solution SAE DC J1772 and J3105-1, universal charging standards was listed as a BYD additional cost option of the Georgia Statewide eRFP Contract. The Cost of the Battery Charging System remains unchanged as approved under Resolution 2021-025 (Exhibit 10).

BYD DEPOT DC CHARGING COMPONENTS				
Items	BYD Option Description Georgia eRFP	Qty	Unit Cost	Total Cost
Heliox DC Fast Charger	Heliox Flex 180kW Cabinet with 1 x Charge Column	3	\$91,774.80	\$275,324.40
Option 4	Column to Charger ratio (1:3): Dynamic Charging = 1 Depot Charger Column	3	\$28,238.40	\$84,715.20
Option 6	Onsite Commissioning: (US site: 1 deployment; xx man-hours at site total)	3	\$1,411.92	\$4,235.76

Option 8	Freight is Not Included in Pricing	3	\$3,000.00	\$9,000.00
<b>BYD DEPOT DC CHARGING SUBTOTAL</b>				<b>\$373,275.36</b>

The following table is the total estimated project cost for the purchase of the buses, including the BYD/Heliox DC Charging Solution. This brings the total cost to \$5,972,797.17.

<b>BYD EV Fleet and DC Charging Option Description as Per Georgia eRFP</b>	<b>Cost</b>
Cost of a Fleet of nine (9) BYD K7M 30 ft., Heavy Duty Low Floor Transit Bus Total Cost with Options	\$5,599,521.81
Cost of BYD DC Depot Charging Solution: Heliox Flex 180kW Cabinet with 1 x Charge Column; Column to Charger ratio (1:3): Dynamic Charging = 1 Depot Charger Column; Onsite Commissioning; and freight	\$373,275.36
<b>Total Cost for nine (9) K7M fleet and the BYD/Heliox DC180kW charging components</b>	<b>\$5,972,797.17</b>

The City does not anticipate deposit fees for the purchase of the buses as, under a government contract, BYD only requires a purchase order from the government entity to fulfill an order and does not require an initial deposit. Full payment will be made on delivery.

#### **Why Action is Necessary:**

Pursuant to Chapter 23, Section 23-8 Exception to Bid Requirements, (6) Bids and Contracts from Other entities, and Section 23-9 Cooperative Purchasing, the City Manager is authorized to procure all supplies, materials, equipment, and services from other governmental units, when the best interests of the City would be served subject to the requirement that any purchase in excess of \$50,000 requires City Commission approval.

Resolution 2021-025 approved the utilization of the State of Georgia Contract 99999-001-SPD0000138-0008 with BYD for a total not to exceed five million (\$5,000,000) for the purchase of nine (9) electric buses and related equipment; however, the total contract amount exceeds this threshold by \$972,797.17. Therefore, City Commission approval of the additional costs is necessary.

#### **PROPOSED ACTION:**

Staff recommends the City Commission consider and approve the attached Resolution.

#### **ATTACHMENT(S):**

- Exhibit 1 – Proposed Resolution
- Exhibit 2 – Resolution 22-017
- Exhibit 3 – Agenda Cover Memo Granicus 22-007
- Exhibit 4 – DOAS BYD Amendment #3 renewal #2 and updated pricing
- Exhibit 5 – DOAS approval of BYD Mass Transit Electric Pricing 2022.
- Exhibit 6 – BYD HallandaleBeachLetter\_Updated 05032022Corrected
- Exhibit 7 – DOAS BYD authorization special offer COHB K7M \$595000
- Exhibit 8 – Grant Agreement G1M91 Amendment No. 1

Exhibit 9 – Resolution 2020-036

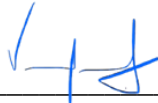
Exhibit 10 – Resolution 2021-025

Exhibit 11 – CRA Interlocal Agreement for EV Bus purchase



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