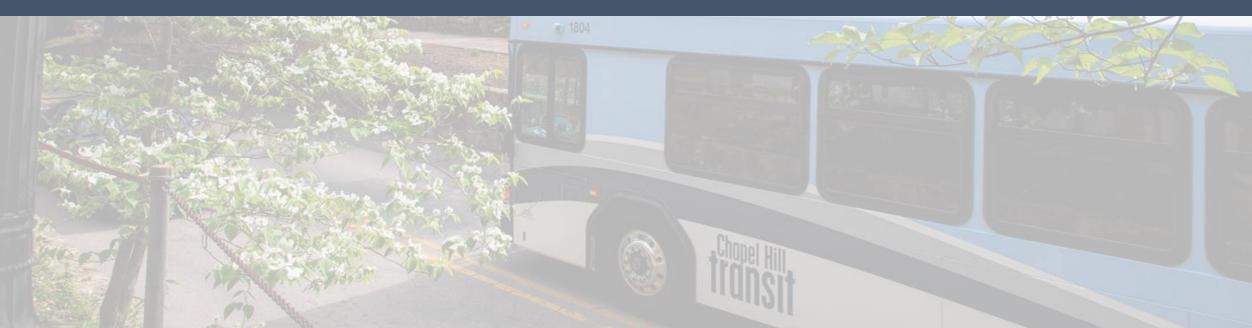


AWARD OF PURCHASE CONTRACT FOR BATTERY ELECTRIC BUSES AND CHARGING UNIT



RECOMMENDATION

Adopt R-3 to Authorize the Town Manager to negotiate and execute a five-year contract with Gillig LLC to purchase three-battery electric buses and charging units with the option to purchase an additional nineteen buses.

BACKGROUND

Continual Demands for Chapel Hill Transit:

- Reducing carbon emissions.
- Modernize fleet
- Capital Replacement

BATTERY-ELECTRIC PILOT PROGRAM

- Advancements in Battery Electric Technology
- Funding in place to Purchase Three Battery Electric Buses (BEBs)

Pilot Program Goals:

- Reduction in Carbon Emissions
- Reduction in Noise
- Investigate Feasibility of Full Fleet of BEBs
- Costs of Maintain BEBs

BATTERY-ELECTRIC BUS PROCUREMENT

- Procurement Dates: February 2019 September 2019
- Final Bidders: Gillig LLC and New Flyer of America.
- Evaluation Criteria:
 - Compliance to Technical Specifications
 - Spare Parts, Warranty, Quality Assurance Plans
 - Financial Capacity
 - Cost
- Award Recommendation: Gillig LLC

COST OF BATTERY ELECTRIC BUSES

Electric Bus Expenses	
Base cost of three buses (at \$876,875 apiece)	\$2,630,625
Two Charging Stations (can support a total of 4 buses)	\$203,150
Total	\$2,833,775

FUNDING BREAKDOWN

Electric Bus Funding	
Federal, State, and Local	\$1,740,000
RESPC Student Committee UNC Chapel Hill	\$390,000
CHT Capital Reserve	\$703,775

Federal, State, and Local Item 80% FTA Grant- \$1,382,000 10% State Grant- \$172,750 10% Local- \$184,250



Need to Maintain Modern Fleet

Demand for Reduced Carbon Emission

Lack of Award result in loss of funding

RECOMMENDATION

Adopt R-3 to Authorize the Town Manager to negotiate and execute a five-year contract with Gillig LLC to purchase three-battery electric buses and charging units with the option to purchase an additional nineteen buses.

QUESTIONS?