



# 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

# KEY ISSUES

- Need to Maintain Modern Fleet
- Demand for Reduced Carbon Emission
- Lack of Award result in loss of funding

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QUESTIONS?