

MINUTES
MEETING OF THE BOARD OF DIRECTORS
OPERATIONS AND SAFETY COMMITTEE
METROPOLITAN ATLANTA RAPID TRANSIT AUTHORITY

August 27, 2020

The Board of Directors Operations and Safety Committee was called to order at 9:58 a.m., Thursday, August 27, 2020, via WebEx, Atlanta, Georgia.

Board Members Present

Roberta Abdul-Salaam
Robert Ashe*
Jim Durrett
William Floyd
Roderick Frierson
Freda Hardage
Alicia Ivey
Russell McMurry**
John Pond
Rita Scott
Christopher Tomlinson**

Staff Members Present

Jeffrey Parker
Luz Borrero
Collie Greenwood
Kevin Hurley
Elizabeth O'Neill
Franklin Rucker
David Springstead
Marsha Anderson Bomar
Larry Prescott
Gena Major
Jonathan Hunt

Also, in attendance: Kirk Talbott, LaShanda Dawkins, Virgil Fludd, Jacqueline Holland, Paula Nash, William Taylor, Sean Thomas, Tyrene Huff and Marie Peters

1. Approval of July 30, 2020, Operations and Safety Committee Meeting Minutes

On a motion by Mrs. Hardage, seconded by Mr. Durrett, the minutes were unanimously approved by a vote of 8 to 0 with 10** members present.

2. Resolution Authorizing the Award of a Contract for the Procurement of Bus Midlife Overhaul Part Kits, B44897

Mr. William Taylor presented the resolution for approval. The purpose of the resolution is to authorize the General Manager/CEO to enter a contract for the procurement of Bus Midlife parts kits with Aftermarket Company LLC. The parts kits are crucial for MARTA's Midlife program, to restore MARTA buses to a new-like condition.

* Board member Robert Ashe joined the meeting after the vote for the approval of the minutes.

** Russell McMurry, P.E. is Commissioner of Georgia Department of Transportation (GDOT), Christopher Tomlinson is Executive Director of Georgia Regional Transportation Authority (GRTA) and therefore, are non-voting members of the MARTA Board of Directors.

On a motion by Mr. Durrett, seconded by Mr. Pond, the resolution was unanimously approved by a vote of 9 to 0 with 11* members present.

3. **Briefing – Mr. Greenwood, Mr. Taylor and Mr. Prescott presented a presentation on Zero-Emission Buses**

The Board was briefed on the following topics:

- 2017 Limited Pilot Program
 - Introduction of battery/electric operated buses
 - 15-day pilot in 2017
 - 7 routes over 15 days
- Challenges
 - Power requirements at facilities
 - Reduced number of parking spaces
 - Infrastructure development
- Benefits of Battery Electric Buses
 - Reduced emission – improve air quality for the local region
 - Quieter – less external noise
 - Fewer moving parts – means less parts to break and reduce repair cost
 - Reliability has improved – the electric buses have seen improvements
 - Diversification of fuel sources – better ability to provide core services
 - Lower cost to operate – the battery cost of electric bus will outperform CNG buses
- Energy Cost Savings
 - More cost efficient than diesel
- Are Battery Electric Buses Safer
 - Fewer moving parts – personnel safety
 - No petroleum-based fluids – road hazard
 - Battery module location – Rooftop & rear
 - Less heat generated – No internal combustion engine
 - Less brake heat generated – Regenerative braking
 - Latest electronic technology – systems are safer
- Anatomy of a Battery Electric Bus – showed the manufacturing
- Fleet Risks
 - No electric bus has yet to reach End-of-useful life
 - Long-term reliability of buses
 - Longevity of Batteries
 - Higher Capital Costs
 - Electrical Grid Instability
 - Effective Training Program - retention
 - Collisions that damage battery – clean-up
- U.S. Fleets of Battery Electric Buses – are becoming popular across the U.S.

- Pilot Program Partners – MARTA has partnered with industry leaders to ensure pilot program is successful. Partners includes CTE, New Flyer, Siemens and Georgia Power
- Route Selection – Primary and Optional
- Goals of 2022 Pilot Program
 - Validate Industry Data with Buses in MARTA Service
 - Train Technicians and Operators
 - Develop KPIs
 - Analysis of Operational Cost
 - Operational Data Collection
 - Lessons Learned Feedback
 - Green Branding of Buses
- Implementation Cost (Estimated) – showed the various cost associated with acquiring zero emission buses

4. **Resolution Authorizing the Award of a Contract for the Purchase of Six (6) Zero-Emission Buses**

Mr. William Taylor presented the resolution for approval. The purpose of the resolution is to authorize the General Manager/CEO to enter into a contract for the procurement of six zero-emission buses.

On a motion by Mr. Durrett, seconded by Ms. Abdul-Salaam, the resolution was unanimously approved by a vote of 9 to 0 with 11** members present.

5. **Resolution Authorizing the Award of a contract for the Consulting Services for the Zero-Emission Bus Program Letter of Agreement (LOA) L47273**

Mr. Larry Prescott presented the resolution for approval. The purpose of the resolution is to authorize the General Manager/CEO to enter into a contract for consulting services with the Center of Transportation and Environmental to support MARTA with the two-phase program zero-emission buses.

On a motion by Mr. Durrett, seconded by Mr. Ashe, the resolution was unanimously approved by a vote of 9 to 0 with 11** members present.

6. **Resolution Authorizing the Award of a contract for the Procurement of Pest Control Services for MARTA Vehicles – B45467**

Mr. Sean Thomas presented the resolution for approval. The purpose of the resolution is to support two of MARTA's strategic initiatives: improving customer experience and promoting MARTA's image and brand. The pest control services include approximately 594 buses, 211 mobility vans, four streetcars and 312 rail cars.

On a motion by Mr. Ashe, seconded by Mrs. Hardage, the resolution was unanimously approved by a vote of 9 to 0 with 11** members present.

7. **Other Matters**

- a. FY2020 June Key Performance Indicators (informational only)

Adjournment

The meeting adjourned at 11:15 a.m.