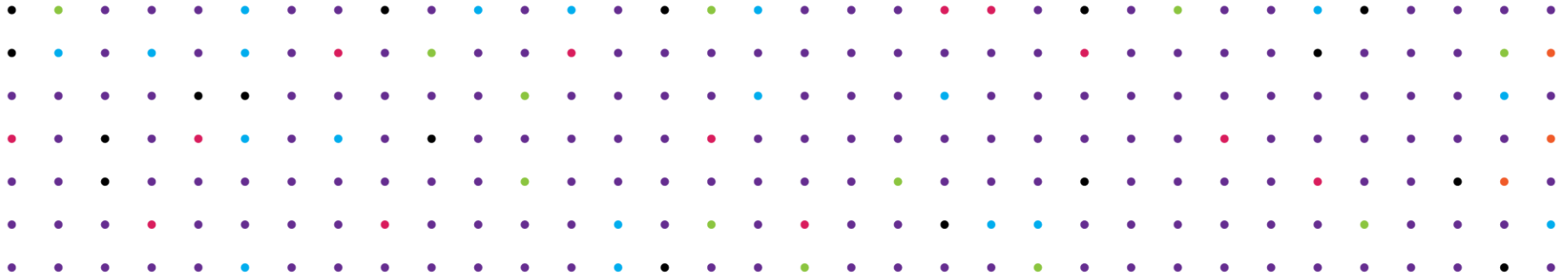


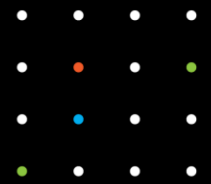
VEHICLE ENGINEERING AND ACQUISITION

# BUS ENGINEERING AND ACQUISITION, PROGRAM MANAGEMENT AND TECHNICAL SUPPORT SERVICES CONTRACT



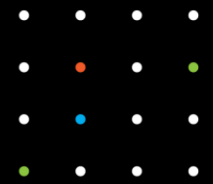
Operations, Safety, and Customer Experience Committee  
April 17, 2025

# RECOMMENDATION



AUTHORIZE the Chief Executive Officer to execute Contract Modification No. 3 to increase the total authorized funding for Contract No. PS81062000, to Williams Sale Partnership (WSP) USA, Inc. for as-needed professional consultant support services that will be utilized for Zero Emission Bus (ZEB) and charger engineering/acquisition, program management, as well as technical support services, in the Not-to-Exceed (NTE) amount of \$8,897,431.55, increasing the Contract total NTE amount from \$10,930,917.43 to \$19,828,348.98.

# ISSUE



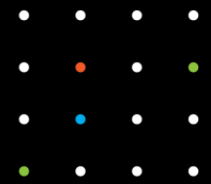
A six-year contract was awarded in May 2022 for professional consultant support services with subject matter experts that specialize in Zero-Emission Bus (ZEB) technology, engineering and implementation.

The scope of work as part of the contract has not changed, but the level of effort and support needed has significantly increased. Over the last 3 years, there have been challenges associated with transitioning a fleet of nearly 2,200 buses to zero-emission.

A contract modification to increase the total authorized funding is needed to ensure Metro has access to technical subject matter experts in the ZEB industry



# DISCUSSION



Metro relies on WSP for specialized expertise and engineering support on zero-emission vehicle acquisition/performance specifications, hydrogen fuel cell planning and analysis, resiliency charging design, as well as analysis of infrastructure needs and performance.

Factors contributing to the higher level of effort as part of this contract include:

- Slower progression of technology
- Large bus procurement
- Supply chain and limited number of US manufactures
- Focus on safety and security improvements
- Planning for 2026 World Cup and 2028 Olympics
- Need for industry coordination and outreach

Additional funding is needed to continue the technical support; however, the benefits and long-term cost savings are vital for ensuring that Zero-Emission Bus (ZEB) vehicles remain safe, dependable, and that the infrastructure is robust enough to meet service demands effectively.