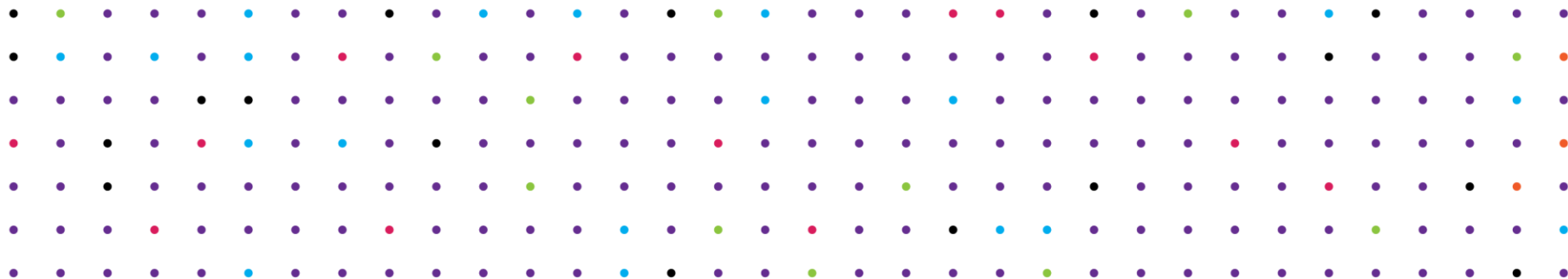
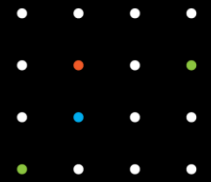


Exercise Option for P3010 Light Rail Vehicle Integrated Data & Communication System (IDCS)

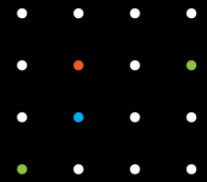


RECOMMENDATION



AUTHORIZE the Chief Executive Officer to execute Contract Modification No. 2, and exercise Option 1, install and commission the Integrated Data and Communication System (IDCS) on the P3010 Light Rail Vehicle under Contract No. TS83056-2000 to Siemens Mobility, Inc. in the firm fixed amount of \$18,051,025, increasing the total Contract amount from \$5,043,855 to \$23,094,880. This action does not change the board-approved LOP for this project of \$44,436,129.

ISSUE & DISCUSSION



ISSUE

The IDCS will provide real-time access and automatic retrieval of system data and CCTV video, including live streaming. Additionally, it will improve arrival predictions by tracking vehicle location using GPS and calculating vehicle location when GPS is not available (e.g., in tunnels). The latest in cybersecurity technology will be implemented to prevent disruption from external and internal threats while providing passengers with Wi-Fi access.

DISCUSSION

Metro is seeking to acquire the IDCS to provide rail connectivity and real-time video downloading and access to information on trains, which will reduce operations, maintenance, and security response and diagnostic time.

