

Kinkisharyo LRVs

Upgrade electronic systems and maintenance services

Rider Experience and Operations Committee

12/01/22

Why we are here

- To upgrade the electronic systems for 62 light rail vehicles (LRV) and provide maintenance services.
- To request authorization for the chief executive officer to execute a five-year contract with one-year options to extend with Woojin IS America, Inc.

E-suite upgrade overview

Kinkisharyo light rail vehicles (LRV) entered service in 2009.



E-suite upgrade overview

- Communications onboard the LRVs are starting to experience degraded performance and contain obsolete components and software that is no longer supported.
- They limit critical functionality of the new Passenger Information Management System (PIMS), responsible for providing visual and audio information to passengers at stations.

Milestones leading to 2026 last car delivery

1Q 2023

- Notice to Proceed (NTP) issued to Woojin

4Q 2023

- Final Design Review (FDR)

2Q 2024

- First Article Inspection (FAI) and Testing

3Q 2024

- Delivery and acceptance of first car

3Q 2026

- Delivery and acceptance of 62nd car

Conclusion

- The current cost estimate for this project is \$35,949,336 million plus applicable taxes and is affordable within the Agency's Finance Plan.
- Staff are managing the project toward a 2026 delivery, consistent with both Affordable and Initial Target Schedules.

Thank you.



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