

Bus Operations Technology Contract Modification

Motion No. M2026-27

*Rider Experience and Operations Committee
8/6/2026*



Why we are Here

Motion No. M2026-27:

- Contract Modification for Bus Operations Technology (BOT)
- Action would support software services transition to cloud-based solutions
 - Scheduling and Dispatch
 - GPS Location Services
 - Security Systems
- Modification would add ~ \$2.3 million, for new NTE amount of ~ \$10.9 million

Stride Program Overview



Bus Base North: Stride & ST Express up to 120 buses

1st Bus OMF for ST, Zero Emission

S1 Line Bellevue–Burien

ST Express (existing) 57 MIN

Project to be built 38-42 MIN

S2 Line Lynnwood–Bellevue

ST Express (existing) 57 MIN

Project to be built 33-38 MIN

S3 Line Shoreline–Bothell

No improvements 54-59 MIN

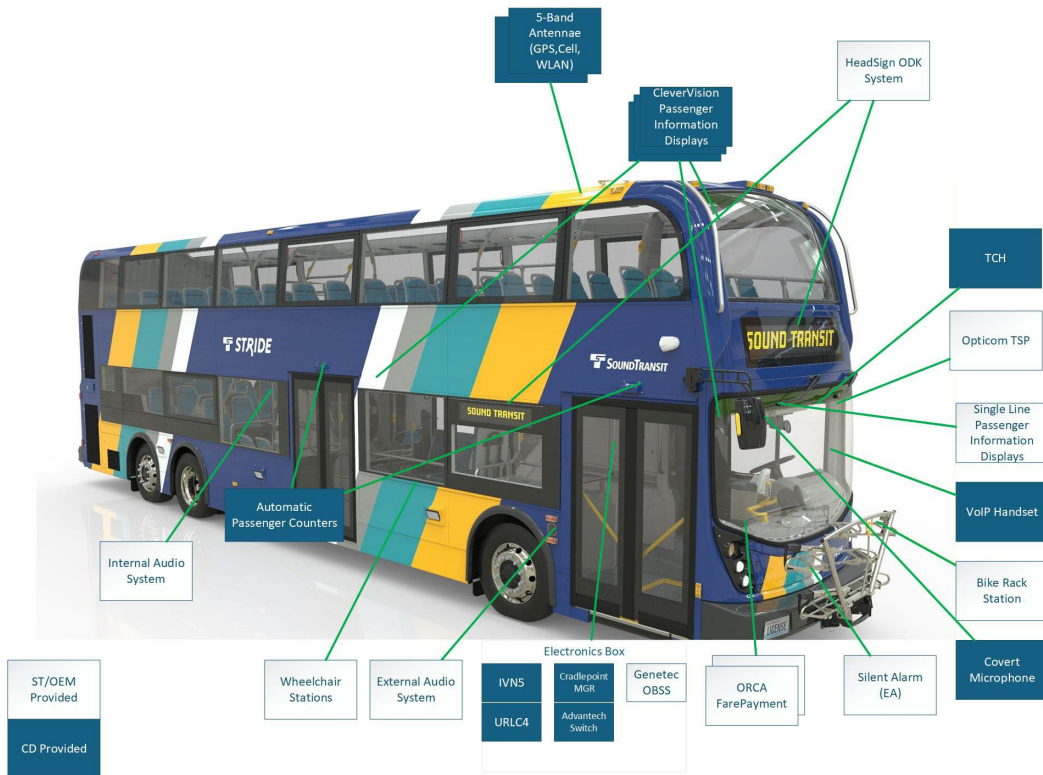
Project to be built 35-39 MIN



What is BOT?

Key features include:

- Scheduling & Dispatch
- GPS Location Services
- Communications
- Transit Signal Priority
- Passenger Counters
- Security Systems

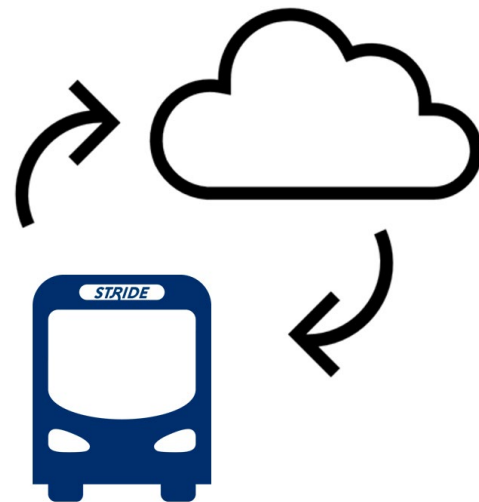


BOT for Stride

- Bus Operation Technology (BOT) Contract Awarded to Clever Devices (now Hitachi) in 2024
- Today's action for the \$2.3 million is to fund the Cloud services addition to the existing BOT contract
- Implementation underway for Sound Transit's first bus operations system and bus maintenance base
- Stride with BOT will go live in 2028

Advantages for Cloud

- Lower operational complexity
- Increase reliability and user satisfaction
- Strengthen resilience
- Scale on demand
- Reduce maintenance burden
- Deliver value faster



Cost for Cloud Addition

- The BOT contract authorization in 2024 was \$8.6 million
- The addition of the Cloud services change order is \$2.3 million
- Total contract not-to-exceed amount is \$10.9 million

Project Timeline

- The current cost estimate for the BOT Cloud implementation is \$2.3 million over five years and is affordable within the Agency's Long Range Financial Plan.
- This action is consistent with the schedule and baseline budgets for the Stride Program adopted by the Board in 2023 and does not impact the affordability of any other system expansion project.

Thank you.



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