



A650 Heavy Rail Vehicle Signaling System (ATC) Upgrade

*Operations , Safety , and Customer Experience Committee
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Background

- Division 20 Portal Widening and Purple (D) Line Extensions (PLE) require upgrades to heavy rail wayside signaling.
- All HRVs require on-board signaling system upgrade for compatibility.
- Upgrade to A650 Option HRVs originally scheduled as part of mid-life contract. However, contract was canceled due to contractor's failure to perform.
- Upgrade to A650 Option HRV signaling system must be expedited to support planned services expansions.



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Recommendation

Award sole source contract to Hitachi Rail STS (HSTS) to upgrade A650 Option HRV signaling system.

- HSTS has necessary experience to expedite work:
 - Sole signaling system supplier for Metro's rail systems and rail cars for past fifteen years.
 - Wayside equipment supplier for D20 Portal Widening and PLE, as well as carborne equipment for the HR4000.
 - Signaling system supplier for terminated A650 midlife contract, thus, familiar with A650 Option fleet.
- HSTS is a registered Transit Vehicle Manufacturer (TVM) with required expertise for system integration and vehicle level testing.



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Scope

- Base contract: 70 A650 Option Vehicles
- Option order: 4 A650 Option Vehicles
 - Option order is for 4 vehicles in various states of disassembly from terminated mid-life contract. Must be executed if the corresponding Refurbishment contract option order is executed for these 4 vehicles.



Thank you



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