

Air Rail Link Vehicle

Feb. 18, 2011

Gary McNeil, President, GO Transit
Acting President, Air Rail Link

Vehicle Update

- Airport shuttle with Tier 4 Engine Emissions
- Capable of future conversion to electric propulsion
- Negotiated with Sumitomo
- Ready to sign contract



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Operations of Vehicle

- shuttle arrives/departs every 15 minutes
- 25 minute travel time
- operating hours of airport
- 63 seats per unit/ 126 per shuttle
- mixed train traffic use
- high reliability
- quality service

Schedule of Delivery

- Pan Am Games will start in 2015
- EA for electrification being launched, implementation subject to EA approval and approvals from Board and Province with potential in-service date of 2018.
- To meet Pan Am needs, and introduce this vital link between downtown and Pearson, a DMU solution is viable.
- Air Quality issues have been mitigated through Tier 4 emission technology.
- Noise issues are relatively equal with DMU/EMU

Base Order

- Utilized a competitive bid process from Sonoma-Marín County (SMART) in California
- Base price of US \$3.1 million as per SMART bid.
- ARL performance and premium interior increase price to approximately US \$3.8 million.
- Well within budget expectations
- Prototype vehicle arrives in summer of 2013
- Balance of order by early Fall of 2014

Extra Value

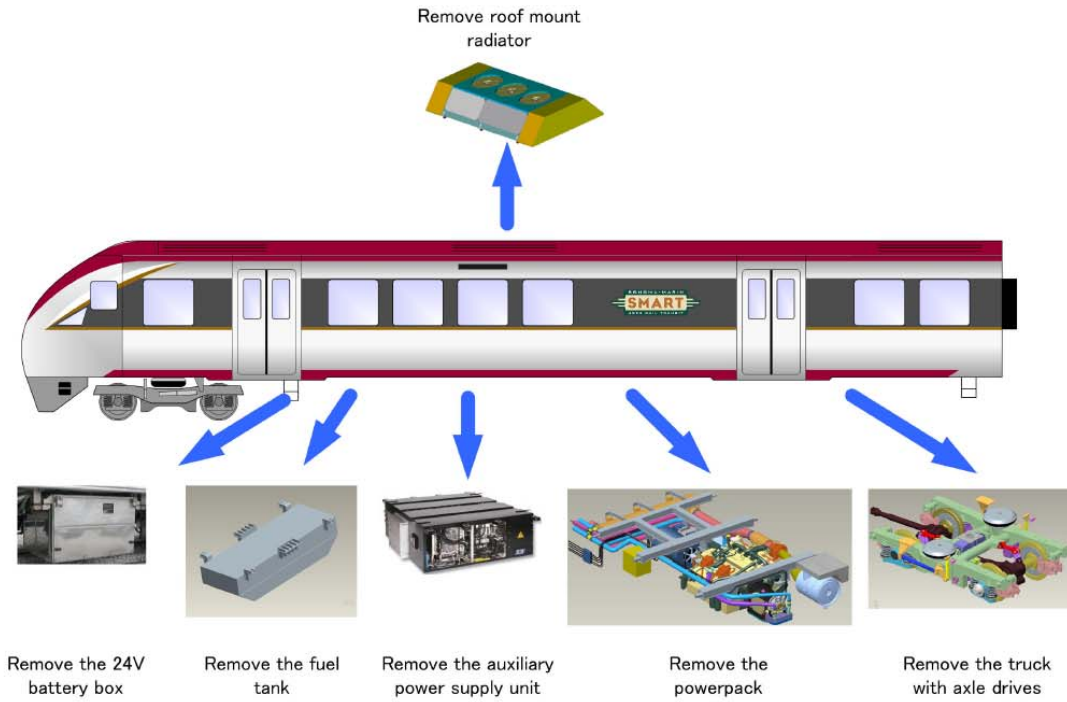


- Luggage Handling
- Canadian Heating and AC
- Performance Guarantee

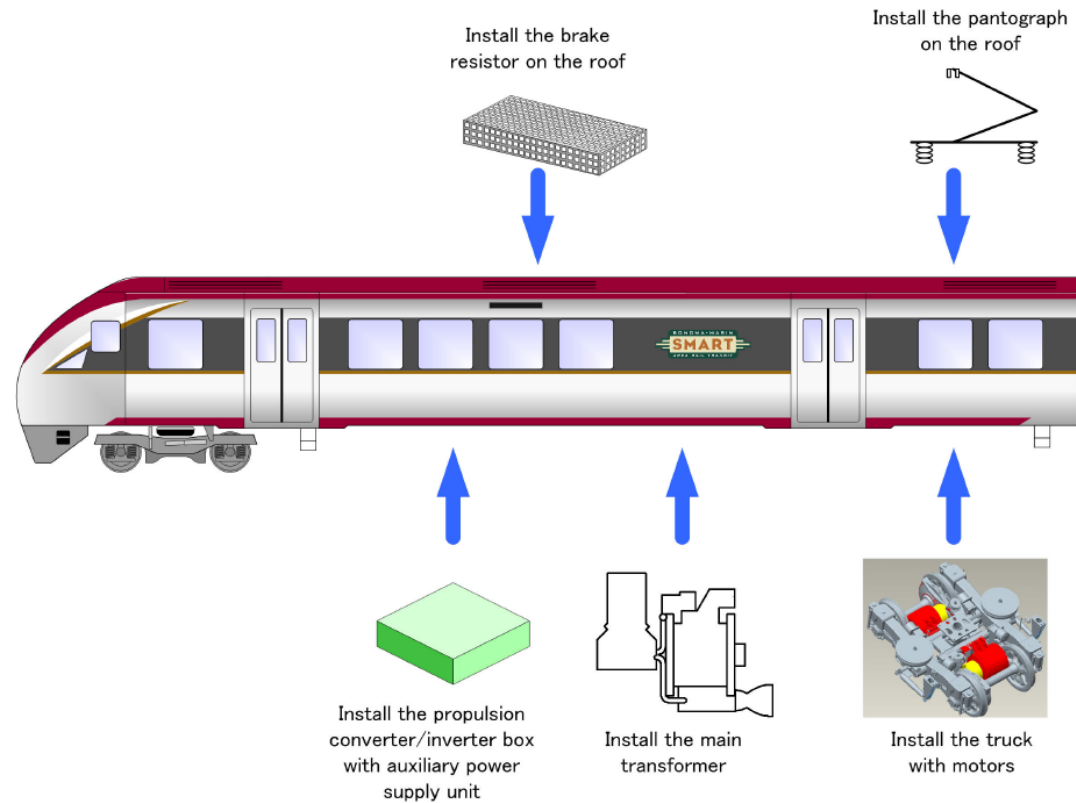
Conversion to Electric

- Province approved going forward with the EA for electrification of ARL following January Board meeting.
- Staff have protected for this possibility in the vehicle order.
- Decision to convert can be made at a future date when the project gets EA approval.
- Need DMU for Pan Am Games service, and early service for the airport.
- EMU operation is 7 – 9 years away; we need vehicles in 3.5 years

Conversion: DMU Parts Removal



Conversion: Electrical Parts



Proposed Resolution:

- **THAT** the Board confirm the conclusion of negotiations and directs staff to proceed with the execution of the contract with Sumitomo Corporation of America (agent for Nippon Sharyo USA, Inc.) for the delivery of twelve (12) Diesel Multiple Units including spare parts and tools at a price not to exceed US \$53 million excluding shipping, handling and taxes, with an option for six (6) more units at a price not to exceed an additional US \$22 million