



## Motion No. M2020-27

### Contract for Purchasing Eleven Sounder Passenger Cars with Bombardier Inc.

Meeting:	Date:	Type of action:	Staff contact:
System Expansion Committee	04/09/2020	Final action	Paul Denison, Acting Executive Director of Operations <b>Martin Young, Commuter Rail Operations Manager</b>

### Proposed action

Authorizes the chief executive officer to execute a contract with Bombardier Inc. to manufacture eleven passenger cars in the amount of \$42,234,252 with a ten percent contingency of \$4,223,425 for a total authorized contract amount not to exceed \$46,457,677, plus applicable taxes. This action is contingent upon Board approval of Resolution No. R2020-07.

### Key features summary

- This contract will allow Sound Transit to purchase three more passenger cab cars and eight more coach cars needed to cover ST3 service expansion requirements.
- Delivery of the vehicles is expected to take place between 2022 and 2024, in support of the planned service expansion.
- This is a joint procurement with two commuter rail peer agencies, the San Joaquin Regional Rail commission and North County Transit District, allowing a lower cost associated with the purchasing power of a combined larger quantity order.
- This action is contingent upon Board adoption of Resolution No. R2020-07, which would amend the authorized project allocation for the Sounder Fleet Expansion project.
- The contract includes options for 16 additional vehicles and staff would return to the Board for further authorization if those options were to be exercised. The current plan is to solicit again for the remaining ST3 Sounder fleet needs in order to optimize potential grant opportunities with a federalized contract. Current market conditions would not allow a federalize procurement with a reasonable price, due to new more stringent Buy America requirements.
- Taxes on this procurement are estimated to be \$4,692,225.

### Background

Sounder South line commuter service began in 2000 and North line service began in 2003. Both lines are now fully built-out in accordance with the Sound Move and ST2 plans. Service includes thirteen round trips on the South line and four round trips on the North line. Resolution No. R2017-28 authorized additional budget for three more cab cars, which are included in the current Sounder Fleet Expansion project.

In 2016, with the passing of ST3, voters approved the expansion of Sounder South line service to meet continual and further anticipated growth in ridership demand. Staff and consultants have explored options for the further expansion of the Sounder South line service, and it has been determined that an

optimal means of achieving additional rider capacity will be to extend the South line trainset length from the current seven cars to up to ten cars. This procurement would expand south line trainsets from seven to eight cars and leave an extra car for required maintenance/spare ratio. Additional equipment will be procured in the future for extending the length of the South line trainsets to 10 cars.

The new passenger cars will be added to the Sounder fleet which currently consists of 14 locomotives, 40 coaches, and 27 cab cars. All 67 Sounder passenger cars (coaches and cab cars) were also purchased from Bombardier between 1999 and 2016. All vehicles are maintained by Amtrak.

## **Project Description**

Sounder South line commuter service began in 2000 and North line service began in 2003. Both lines are now fully built-out in accordance with the Sound Move program, with ten and four round trips on each line, respectively. ST2 funded additional service with four more south-line easements from BNSF. ST3 anticipates the procurement of additional equipment to meet the continually increasing ridership demand on the South line. Additional equipment is required for the planned service expansion; the entire existing Sounder passenger car fleet are Bombardier Bi-level cars.

## **Procurement information**

Prior to issuing the solicitation for these services, Sound Transit considered the project scope, the determining factors for contract award, and the need for proposal discussions and revisions, and determined that a Request for Proposals procurement method was the most advantageous.

Sound Transit advertised Request for Proposals No. RP 0281-19 on November 22, 2019. One firm submitted a proposal. An adequate competition review was conducted and the review concluded with a determination that there was adequate competition and that the single proposal was the result of factors outside the control of Sound Transit. The proposal meets Sound Transit's specifications and is otherwise responsive. A price analysis was performed that found the price to be fair and reasonable.

Sound Transit recommends award of this contract based upon the determination that Bombardier Transit Corporation's proposal best meets the evaluation criteria, offers the best value, and this contract award is in the best interest of Sound Transit.

## **Fiscal information**

Contingent upon the approval of Resolution No. R2020-07, this action is within the authorized project allocation for the Sounder Fleet Expansion project and sufficient monies remain after approval of this action to fund the remaining work in the vehicle phase.

The authorized project allocation for the Sounder Fleet Expansion project is \$110,284,120. Within that amount, \$103,190,739 has been allocated to the vehicle phase for the purchase of coach cars, cab cars, and locomotives. This action would commit an additional \$51,149,903, including taxes, and leave an uncommitted budget balance of \$3,232,182 in the vehicle phase.

# Sounder Fleet Expansion

(in thousands)

Project Phase	Authorized Project Allocation	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Operation & Maintenance	\$	\$	\$	\$	\$
Agency Administration	29	21		21	9
Preliminary Engineering					
Final Design	7,064				7,064
Right of Way					
Construction					
Construction Services					
Third Party Agreements					
Vehicles	103,191	48,809	51,150	99,959	3,232
Contingency					
<b>Total Current Budget</b>	<b>\$110,284</b>	<b>\$48,829</b>	<b>\$51,150</b>	<b>\$99,979</b>	<b>\$10,305</b>
<b>Phase Detail</b>					
<b>Vehicles</b>					
Vehicles	\$103,191	\$48,809	\$51,150	\$99,959	\$3,232
Other					
<b>Total Phase</b>	<b>\$103,191</b>	<b>\$48,809</b>	<b>\$51,150</b>	<b>\$99,959</b>	<b>\$3,232</b>

Bombardier	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	\$	\$	\$42,234	\$42,234
Contingency			4,223	4,223
Taxes			4,692	4,692
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$51,150</b>	<b>\$51,150</b>
Percent Contingency	0%	0%	10%	10%

**Notes:**

Amounts are expressed in Year of Expenditure.

Board Approvals = Committed To-Date + Contingency as of March 2020, and includes pending Board actions.

## Public involvement

Not applicable to this action

## Time constraints

A one month delay will significantly increase the estimated cost of the procurement. The proposal price is based on keeping a manufacturing facility continuous in order to avoid costs associated with production stoppage. A Notice to Proceed is required by the end of April 2020.

## Prior Board/Committee Actions

Resolution No. R2019-30: Adopted an annual budget for the period from January 1 through December 31, 2020, and adopted the 2020 Transit Improvement Plan.

Resolution No. R2017-28 – Amended the Sounder Sound Transit 2 Fleet Expansion project to allow for the procurement of one locomotive and three passenger cars by (a) increasing the authorized project allocation to date by \$17,670,000 from \$49,530,000 to \$67,200,000 and (b) increasing the 2017 annual budget by \$3,520,000 from \$3,244,133 to \$6,764,133 and (c) adopting Sounder Fleet Expansion as the new project name.

Motion No. R2013-35: Authorized the Chief Executive Officer to execute a contract with Bombardier Transportation, Inc. for the purchase of nine passenger cars in the amount of \$31,296,367 with a 5% contingency of \$1,564,818 for a total authorized contract amount not to exceed \$32,861,185.

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**Environmental review** – KH 3/30/20

**Legal review** – AJP 4/3/2020



## **Motion No. M2020-27**

A motion of the System Expansion Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract with Bombardier Inc. to manufacture eleven passenger cars in the amount of \$42,234,252 with a ten percent contingency of \$4,223,425 for a total authorized contract amount not to exceed \$46,457,677, plus applicable taxes. This action is contingent upon Board approval of Resolution No. R2020-07.

### **Background**

Souder South line commuter service began in 2000 and North line service began in 2003. Both lines are now fully built-out in accordance with the Sound Move and ST2 plans. Service includes thirteen round trips on the South line and four round trips on the North line. Resolution No. R2017-28 authorized additional budget for three more cab cars, which are included in the current Souder Fleet Expansion project.

In 2016, with the passing of ST3, voters approved the expansion of Souder South line service to meet continual and further anticipated growth in ridership demand. Staff and consultants have explored options for the further expansion of the Souder South line service, and it has been determined that an optimal means of achieving additional rider capacity will be to extend the South line trainset length from the current seven cars to up to ten cars. This procurement would expand south line trainsets from seven to eight cars and leave an extra car for required maintenance/spare ratio. Additional equipment will be procured in the future for extending the length of the South line trainsets to 10 cars.

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This is a joint procurement with two commuter rail peer agencies, the San Joaquin Regional Rail commission and North County Transit District, allowing a lower cost associated with the purchasing power of a combined larger quantity order. The contract includes options for 16 additional vehicles and staff would return to the Board for further authorization if those options were to be exercised. The current plan is to solicit again for the remaining ST3 Souder fleet needs in order to optimize potential grant opportunities with a federalized contract. Current market conditions would not allow a federalize procurement with a reasonable price, due to new more stringent Buy America requirements.

Delivery of the vehicles is expected to take place between 2022 and 2024, in support of the planned service expansion.

**Motion**

It is hereby moved by the System Expansion Committee of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract with Bombardier Inc. to manufacture eleven passenger cars in the amount of \$42,234,252 with a ten percent contingency of \$4,223,425 for a total authorized contract amount not to exceed \$46,457,677, plus applicable taxes. This action is contingent upon Board approval of Resolution No. R2020-07.

APPROVED by the System Expansion Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on April 9, 2020.



Claudia Balducci  
System Expansion Committee Chair

**Attest:**



Kathryn Flores  
Board Administrator