

## Motion No. M2020-38

### Contract Amendment for Technical Consulting Services Associated with Bombardier BiLevel Car Procurement for Sounder Fleet Expansion

Meeting:	Date:	Type of action:	Staff contact:
Rider Experience and Operations Committee	07/02/2020	Final action	Paul Denison, Acting Executive Director, Operations <b>Martin Young, Sounder Operations Manager</b> <b>Robin Braziel, Director, Commuter Rail, Bus, Paratransit</b>

### Proposed action

Authorizes the chief executive officer to execute a contract modification with Raul V. Bravo + Associates to provide bi-level car procurement consulting services for technical services in support of the purchase of bi-level cars in the amount of \$2,273,467 with a 10 percent contingency of \$227,347 totaling \$2,500,814, for a new total authorized contract amount not to exceed \$4,491,883.

### Key features summary

- In April 2020, the Board authorized the purchase of three passenger cab cars and eight coach cars to support the ST3 expansion of Sounder service for eight-car trainsets on the Sounder south-line. These new Bombardier cab cars and coaches will be produced in conjunction with the other purchasing consortium partners, North County Transit District (NCTD) and the San Joaquin Regional Rail Commission (SJRRRC).
- This action modifies the existing contract with Raul V. Bravo + Associates (RVB+A) to provide support services for the additional passenger cars being purchased from Bombardier Transportation for the Sounder fleet (plus 8) and partner's fleets (plus 11 for NCTD and 17 for SJRRRC).
- Raul V. Bravo + Associates will provide design review, in-plant inspections, coordination of technical specifications and delivery for the Bombardier rail cars and coaches.
- Sound Transit will be fully reimbursed (\$1,848,733, including 10% contingency) for services associated with NCTD and SJRRCC through the pass-through funding arrangement via a separate Intergovernmental Agreement. The type and value of the agreement falls within the CEO authority and has been executed.
- The economies of scale from the joint procurement with these commuter rail peers allows for lower costs for equipment as well as for the related consultant services.

### Background

Sound Move, approved by the voters in 1996, authorized funding for the original Sounder fleet that included 58 passenger cars. That procurement was also supported by RVB+A for similar services. The ST2 plan, approved by voters in 2007, authorized funding for additional cars. Nine Crash Energy Management cab cars arrived beginning in 2017 bringing the car fleet size to 67. The Board authorized

additional budget for the purchase of three additional cab cars through Resolution No. R2017-28. Those cars are included in the current Sounder Fleet Expansion project, however the purchase of the cars was delayed due in part to difficulty finding a competitive price. In May 2020, after a successful proposal with lower costs, the purchase of eight more cars including the additional ST3 funding, was approved through Resolution No. R2020-07 and Motion No. M2020-27. Following Board approval of the additional cars, details concerning the price for the related technical services have been worked out with consultant RVB+A as well as Sound Transit's consortium partners, NTCD and SJRRC.

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 purchased from Bombardier between 1999 and 2016. All vehicles are maintained by Amtrak.

## **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 0170-15 on October 10, 2017. Three firms submitted a proposal, and the proposals were evaluated based on the advertised evaluation criteria including price, knowledge and experience of key individuals, firm experience and history, capacity and project organization, partnership strength, outreach efforts and commitment to S/DBEs, and commitment to and compliance with equal employment opportunity law. RVB+A was selected as the top ranked firm and best value for Sound Transit.

## **Fiscal information**

This action is within the authorized project allocation and sufficient monies remain after approval of this action to fund the remaining work in the final design phase.

The authorized project allocation for the Sounder Fleet Expansion project is \$110,284,120. Within that amount, \$7,064,834 has been allocated to the final design phase for consulting services to ensure Sound Transit design specifications are met. The action would commit an additional \$2,500,814 to this phase and leave a budget balance of \$2,572,001.

The contract amendment for \$2,500,814 with Raul V. Bravo and Associates to bring the total contract to \$4,491,883 is shared between 2 other agencies; North County Transit District and San Joaquin Regional Rail Commission.

## Sounder Fleet Expansion

(in thousands)

Project Phase	Authorized Project Allocation	Current Approved Contract Status	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Operation & Maintenance	\$	\$	\$	\$	\$
Agency Administration	29	23		23	7
Preliminary Engineering					
Final Design	7,064	1,991	2,501	4,492	2,572
Right of Way					
Construction					
Construction Services					
Third Party Agreements					
Vehicles	103,191	48,822		48,822	54,369
Contingency					
<b>Total Current Budget</b>	<b>\$110,284</b>	<b>\$50,835</b>	<b>\$2,501</b>	<b>\$53,336</b>	<b>\$56,948</b>
<b>Phase Detail - Final Design</b>					
Final Design	\$7,064	\$1,991	\$2,501	\$4,492	\$2,572
Other					
<b>Total Phase</b>	<b>\$7,064</b>	<b>\$1,991</b>	<b>\$2,501</b>	<b>\$4,492</b>	<b>\$2,572</b>

Contract Detail	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
<b>Raul V. Bravo and Associates</b>				
Sound Transit Contract Amount	\$1,867	\$1,867	\$593	\$2,459
Sound Transit Contingency	373	125	59	433
NSCTD Contract Amount			896	896
NSCTD Contingency			90	90
SJRRC Contract Amount			784	784
SJRRC Contingency			78	78
<b>Total</b>	<b>\$2,240</b>	<b>\$1,991</b>	<b>\$2,501</b>	<b>\$4,741</b>
Percent Contingency	20%	7%	10%	18%

### Notes:

Amounts are expressed in Year of Expenditure.

Board Approvals = Committed To-Date + Contingency as of May 2020.

Proposed Board approval includes ST held contingency approved, not included in contract with vendor.

## Disadvantaged and small business participation

Not applicable to this action.

## Public involvement

Not applicable to this action.

## Time constraints

A one month delay will not adversely impact the project.

## Prior Board/Committee actions

Resolution No. R2020-07: Amended the Sounder Fleet Expansion project to allow for the procurement of eight passenger coaches by (a) increasing the authorized project allocation by \$43,084,120 from

\$67,200,000 to \$110,284,120 and (b) increasing the 2020 annual budget by \$3,433,313 from \$1,323,973 to \$4,757,286.

Motion No. M2020-27: Authorized 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 was contingent upon Board approval of Resolution No. R2020-07.

Motion No. M2018-03: Authorized the chief executive officer to execute a contract with Raul V. Bravo + Associates, Inc. for a six year term to provide Sounder commuter rail operations consulting services in the amount of \$1,866,544, with a 20 percent contingency of \$373,309, for a total authorized contract amount not to exceed \$2,239,853, plus applicable taxes.

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**Environmental review – KH 6/25/20**

**Legal review – AJP 6/26/2020**



## Motion No. M2020-38

A motion of the Rider Experience and Operations Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract modification with Raul V. Bravo + Associates to provide bi-level car procurement consulting services for technical services in support of the purchase of bi-level cars in the amount of \$2,273,467 with a 10 percent contingency of \$227,347 totaling \$2,500,814, for a new total authorized contract amount not to exceed \$4,491,883.

### Background

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This action modifies the existing contract with RVB+A to provide support services for the additional passenger cars being purchased from Bombardier Transportation for the Sounder fleet (plus 8) and partner's fleets (plus 11 for NCTD and 17 for SJRRRC). 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 purchased from Bombardier between 1999 and 2016. All vehicles are maintained by Amtrak.

Raul V. Bravo + Associates will provide design review, in-plant inspections, coordination of technical specifications and delivery for the Bombardier rail cars and coaches.

Sound Transit will be fully reimbursed (\$1,848,733, including 10% contingency) for services associated with NCTD and SJRRCC through the pass-through funding arrangement via a separate Intergovernmental Agreement. The type and value of the agreement falls within the CEO authority and has been executed. The economies of scale from the joint procurement with these commuter rail peers allows for lower costs for equipment as well as for the related consultant services.

## Motion

It is hereby moved by the Rider Experience and Operations Committee of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract modification with Raul V. Bravo + Associates to provide bi-level car procurement consulting services for technical services in support of the purchase of bi-level cars in the amount of \$2,273,467 with a 10 percent contingency of \$227,347 totaling \$2,500,814, for a new total authorized contract amount not to exceed \$4,491,883.

APPROVED by the Rider Experience and Operations Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on July 2, 2020.



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Paul Roberts  
Rider Experience and Operations Chair

### Attest:



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Kathryn Flores  
Board Administrator