

MOTION NO. M2017-137

Contract for Procurement of Light Rail Vehicles for the Tacoma Link Extension

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	11/09/2017	Recommend to Board	Ahmad Fazel, DECM Executive Director
Board	11/16/2017	Final Action	Madeleine Greathouse, Project Director – Tacoma Link Extension

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract with Brookville Equipment Corporation to provide five light rail vehicles for the Tacoma Link Extension in the amount of \$26,544,074 with an allocated contract contingency of \$1,000,000, for a total authorized contract amount not to exceed \$27,544,074, plus applicable tax.

KEY FEATURES SUMMARY

- The five light rail vehicles (LRVs) will supplement the existing three car fleet for Tacoma Link. The number of vehicles is consistent with agencywide fleet planning efforts and vehicle capacity of the expanded Tacoma Operations and Maintenance Facility (OMF) once complete. Car delivery will begin in 2020 to meet requirements for an expanded fleet size for the Tacoma Link Extension.
- The contract also includes:
 - Engineering
 - Quality Assurance
 - Field Support
 - Commissioning
 - Training
 - Technical and operational manuals
 - Spare parts
 - Test equipment
 - Special tools
 - Warranty support
- The contract includes options to procure up to five additional LRVs. The amount requested does not include funding for the options. If the agency elects to exercise this option, staff will return to the Board for additional funding.
- The contract also includes options for the City of Portland to purchase up to five LRVs under a separate contract between the City of Portland and Brookville Equipment Corporation.
- Applicable tax is currently estimated to be \$2,680,951.

BACKGROUND

The Tacoma Link Extension is a 2.4-mile extension of light rail from the Theater District in downtown to the Hilltop neighborhood in Tacoma. The extension will travel at-grade, in-street with traffic along Stadium Way, North 1st Street, Division Avenue, and Martin Luther King Jr. Way. The project includes six new stations, relocates the Theater District Station, expands the existing Tacoma Operations and Maintenance Facility (OMF), and provides for additional light rail vehicles.

The procurement of the vehicles will supplement the existing three car fleet and meet the ten minute headways planned during the peak period. The expansion of the Tacoma Operations and Maintenance Facility is required to accommodate the expanded fleet size.

PROJECT STATUS

Project Identification	Alternatives Identification	Conceptual Engineering	Preliminary Engineering	Final Design	Construction
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Projected Completion Date: 2Q 2022

Project scope, schedule, and budget summary located on page 65 of the August Link Light Rail Program Progress Report.

PROCUREMENT INFORMATION

A Request for Proposal (RFP) was advertised on December 30, 2016, for five LRVs, with options for ten additional vehicles (five of which will be assigned to The City of Portland). Three proposals were received and reviewed. Interviews were held with the two proposers in the competitive range. Requests for Best and Final Offers (BAFO) were issued on August 7, 2017, to both firms. BAFO's were received on September 21, 2017, and Brookville Equipment Corporation was determined to be the overall best value for Sound Transit.

FISCAL INFORMATION

The baseline project allocation for the Tacoma Link Extension is \$217,346,000. Within that amount \$35,377,000 has been allocated for the vehicle phase. Including the estimated tax the proposed action would commit an additional \$30,225,025 to this phase, leaving a remaining uncommitted budget balance of \$3,202,136.

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

Tacoma Link Extension (in thousands)

Project Phase	Authorized Project Allocation to Date	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	\$16,948	\$4,945	\$	\$4,945	\$12,003
Preliminary Engineering	5,559	5,559		5,559	(0)
Final Design	10,830	10,325		10,325	505
Third Party	1,466	1,156		1,156	310
Right of Way	3,555	1,773		1,773	1,782
Construction	121,829			0	121,829
Construction Services	9,891	526		526	9,365
Vehicles	35,377	1,950	30,225	32,175	3,202
System Testing & Start-Up	5,326			0	5,326
Contingency	6,565			0	6,565
Total Current Budget	\$217,346	\$26,234	\$30,225	\$56,459	\$148,996
Phase Detail - Vehicles					
Vehicles	\$35,377	\$1,950	\$30,225	\$32,175	\$3,202
Total Phase	\$35,377	\$1,950	\$30,225	\$32,175	\$3,202

Brookville Equipment Corporation Contract Detail

Contract Detail	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount			\$26,544	\$26,544
Contingency			1,000	1,000
Estimated Sales Tax			2,681	2,681
Total Contract Amount			\$30,225	\$30,225
Percent Contingency	0%	0%	4%	4%

Notes:

Amounts are expressed in Year of Expenditure \$000s.

Board Approvals = Committed To-Date + Contingency as of September 2017, and includes pending Board actions. For detailed project information, see page 19 of the Adopted 2017 Transit Improvement Plan (TIP).

SMALL BUSINESS/DBE PARTICIPATION

Brookville Equipment Corporation is listed on the approved vendor list for vehicles as required by the Federal Transit Administration.

PUBLIC INVOLVEMENT

Not applicable to this action.

TIME CONSTRAINTS

A one-month delay would not create a significant impact to the project schedule.

ENVIRONMENTAL REVIEW

KH 10/30/17

LEGAL REVIEW

AJP 11/3/17

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A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract with Brookville Equipment Corporation to provide five light rail vehicles for the Tacoma Link Extension in the amount of \$26,544,074 with an allocated contract contingency of \$1,000,000, for a total authorized contract amount not to exceed \$27,544,074, plus applicable tax.

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The procurement of the five light rail vehicles will supplement the existing three car fleet and meet the ten-minute headways planned during the peak period. The expansion of the Tacoma OMF is required to accommodate the expanded fleet size. The number of vehicles is consistent with agencywide fleet planning efforts. Car delivery will begin in 2020 to meet requirements for an expanded fleet size for the Tacoma Link Extension.

The contract includes engineering, quality assurance, field support, commissioning, training, technical and operational manuals, spare parts, test equipment, special tools, and warranty support.

The contract also includes options to procure up to five additional LRVs. The amount requested does not include funding for the options. If the agency elects to exercise this option, staff will return to the Board for additional funding.

MOTION:

It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract with Brookville Equipment Corporation to provide five light rail vehicles for the Tacoma Link Extension in the amount of \$26,544,074 with an allocated contract contingency of \$1,000,000, for a total authorized contract amount not to exceed \$27,544,074, plus applicable tax.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on November 16, 2017.



Dave Somers
Board Chair

ATTEST:


Kathryn Flores
Board Administrator