

MOTION No. M2015-71
Purchase of Five 40-foot Buses

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Operations and Administration Committee	08/06/2015	Final Action	Bonnie Todd, Executive Director of Operations Dave Turissini, Bus Operations Manager

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract with Gillig Corporation to manufacture and deliver five 40-foot compressed natural gas powered buses in the amount of \$2,929,361, with a 5% contingency of \$146,468, for a total authorized contract amount not to exceed \$3,075,829.

KEY FEATURES SUMMARY

- This action authorizes the purchase of five compressed natural gas (CNG) powered 40-foot, buses and replaces an earlier procurement approved in Motion No. M2013-62.
- Sound Transit will procure the vehicles using options that it acquired from a Metropolitan Transit System (San Diego, CA) contract with Gillig Corporation.
- The buses are low floor and have commuter amenities such as reclining seats and overhead lighting consistent with the current Sound Transit fleet.
- The new CNG buses reduce engine emissions, have lower operating costs over the life of the vehicle and provide more passenger comfort.
- Production of the buses would begin in October 2016 with delivery expected in November 2016.

BACKGROUND

The ST Express Fleet Replacement Program provides funding to replace the ST Express Fleet. The Federal Transit Administration's guideline for bus replacement is a minimum of 12 years and/or 500,000 miles for a heavy duty transit bus. All of the buses to be replaced exceed 12 years and/or 500,000 mile guideline. Decisions to replace buses are made in consultation with our operating partner agencies and based on condition, performance, operating costs, fuel efficiency, age and mileage. Bus replacement is outlined in Sound Transit's annual Service Implementation Plan, Appendix B Fleet Planning.

Sound Transit has planned to purchase five replacement buses under a previous board authorization in 2013. That motion authorized the purchase of three clean diesel and five hybrid 40-foot buses for King County and Pierce Transit respectively. The three diesel buses have been purchased and delivered. Procurement of the remaining five 40-foot hybrid buses was cancelled due to discrepancies in the original piggyback contract with Whatcom County. These five CNG Gillig buses are replacing the five hybrid buses that would have been purchased under Motion No. M2013-62 for use at Pierce Transit. Federal funds are not being used for this purchase.

Through additional market research, Sound Transit staff determined that the Metropolitan Transit System contract with Gillig Corporation would meet Sound Transit fleet needs.

FISCAL INFORMATION

ST Express Fleet Replacement

	Adopted 2015 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration					
Preliminary Engineering					
Final Design					
Right of Way					
Construction		47		47	(47)
Construction Services					
Third Party Agreements					
Vehicles	189,269	99,904	3,076	102,980	86,289
Total Current Budget	189,269	99,951	3,076	103,027	86,289

Phase Detail

Vehicles

Vehicles	189,269	99,904	3,076	102,980	86,289
Total Phase	189,269	99,904	3,076	102,980	86,289

Agreement Detail Gillig Corporation	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Agreement Amount			2,929	2,929
Contingency Amount			146	146
Total Contract			3,076	3,076
Percent Contingency	0%	0%	5%	5%

Notes:

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

Board Approvals = Committed To-Date + Contingency, and includes pending Board actions.

Project budget page is located on page 137 of 210 of the Adopted 2015 Transit Improvement Plan (TIP).

SMALL BUSINESS PARTICIPATION

As a transit bus manufacturer, Gillig Corporation must submit its own Disadvantaged Business Enterprise (DBE) program and goal to the Federal Transit Administration, and according to FTA's transit bus procurement rules, transit bus manufacturers must certify to transit agencies that they have a DBE program in place. Gillig has certified that they have a DBE program and complied with FTA rules for participation in this procurement.

EQUAL EMPLOYMENT WORKFORCE PROFILE

765 employees; 9.7% women; 67.2% minorities.

PUBLIC INVOLVEMENT

Not applicable to this action.

TIME CONSTRAINTS

A one month delay would create a significant impact to the project schedule as Gillig has a tight production schedule. Any delay may cause a significant increase in the delivery schedule.

PRIOR BOARD/COMMITTEE ACTIONS

Motion No: M2013-62: Authorizing the CEO to execute a contract with Gillig Corporation to manufacture and deliver eight forty-foot buses in the amount of \$5,300,356, with a 5% contingency of \$265,018, for a total authorized contract amount not to exceed \$5,565,374.

ENVIRONMENTAL REVIEW

JI 7/24/2015

LEGAL REVIEW

JW 7/28/2015

MOTION NO. M2015-71

A motion of the Operations and Administration Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract with Gillig Corporation to manufacture and deliver five 40-foot compressed natural gas powered buses in the amount of \$2,929,361, with a 5% contingency of \$146,468, for a total authorized contract amount not to exceed \$3,075,829.

BACKGROUND:

This action authorizes the purchase of five compressed natural gas (CNG) powered 40-foot, buses and replaces an earlier procurement approved in Motion No. M2013-62. Sound Transit will procure the vehicles using options that it acquired from a Metropolitan Transit System (San Diego, CA) contract with Gillig Corporation. The buses have amenities consistent with the current Sound Transit fleet. The new CNG buses reduce engine emissions, have lower operating costs over the life of the vehicle and provide more passenger comfort.

Sound Transit had planned to purchase five replacement buses under a previous board authorization in 2013. That motion authorized the purchase of three clean diesel and five hybrid 40-foot buses for King County and Pierce Transit respectively. The three diesel buses have been purchased and delivered. Procurement of the remaining five 40-foot hybrid buses was cancelled due to discrepancies in the original piggyback contract with Whatcom County. Through additional market research, Sound Transit staff determined that the Metropolitan Transit System contract with Gillig Corporation would meet Sound Transit fleet needs.

The ST Express Fleet Replacement Program provides funding to replace the ST Express Fleet. The Federal Transit Administration's guideline for bus replacement is a minimum of 12 years and/or 500,000 miles for a heavy duty transit bus. All of the buses to be replaced exceed 12 years and/or 500,000 mile guideline. Decisions to replace buses are made in consultation with our operating partner agencies and based on condition, performance, operating costs, fuel efficiency, age and mileage. Bus replacement is outlined in Sound Transit's annual Service Implementation Plan, Appendix B Fleet Planning.

These five CNG Gillig buses are replacing the five hybrid buses that would have been purchased under Motion No. M2013-62 for use at Pierce Transit. Federal funds are not being used for this purchase. Production of the buses would begin in October 2016 with delivery expected in November 2016.

MOTION:

It is hereby moved by the Operations and Administration Committee of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to a contract with Gillig Corporation to manufacture and deliver five 40-foot compressed natural gas powered buses in the amount of \$2,929,361, with a 5% contingency of \$146,468, for a total authorized contract amount not to exceed \$3,075,829.

APPROVED by the Operations and Administration Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on August 6, 2015.

A handwritten signature in cursive script, appearing to read "Paul Roberts", written over a horizontal line.

Paul Roberts

Operations and Administration Committee Chair

ATTEST:

A handwritten signature in cursive script, appearing to read "Kathryn Flores", written over a horizontal line.

Kathryn Flores

Board Administrator