

MEMORANDUM

DEPARTMENT OF PUBLIC WORKS County of Placer

TO: BOARD OF SUPERVISORS

DATE: December 9, 2014

FROM: KEN GREHM / WILL GARNER 

SUBJECT: **AWARD OF BUS PURCHASE CONTRACT THROUGH 2019 AND
AUTHORIZE THE INITIAL PURCHASE OF TEN REPLACEMENT BUSES FOR
PLACER COUNTY TRANSIT AND TAHOE AREA REGIONAL TRANSIT**

ACTION REQUESTED/RECOMMENDATION

1. Conduct a Public Hearing, per California Vehicle Code 35554, to receive comments on the purchase of buses that will exceed the gross weight of 20,500 pounds per axle.
2. Approve a Budget Revision for Tahoe Area Regional Transit (TART), adding \$621,600 and Placer County Transit (PCT), adding \$140,000 for bus purchases.
3. Approve a revision to the Master Fixed Asset List consistent with the requested Budget Revision, and adding one bus for a total of four for Tahoe Area Regional Transit.
4. Adopt a Resolution:
 - a. Authorizing the Purchasing Manager to sign all contract documents, purchase orders and change orders for a bus purchase contract with Gillig LLC of Hayward, CA for a five-year period through December of 2019, resulting from Request for Proposals (RFP) #10363, with an initial purchase of ten buses in an amount not to exceed \$5,300,000, and
 - b. Adopting a finding, pursuant to California Vehicle Code 35554, that the change in fleet class from 30-foot to 35-foot buses and from 35-foot to 40-foot buses with a width of 102 inches is necessary to serve the existing and anticipated ridership and to accommodate the requirements of the Americans with Disabilities Act.
There is no net County cost.

BACKGROUND/SUMMARY

Placer County Transit (PCT) and Tahoe Area Regional Transit (TART) will need to retire 23 buses over the next five years. These buses will need to be replaced to maintain the current level of service. The existing fleet was placed into service between 2000 and 2006. All of these buses have or will have exceeded their useful life of 500,000 miles or 12 years within the next five years. The Department of Public Works (DPW) has been securing grant funds to begin this replacement beginning this fiscal year.

The Placer County Procurement Services Division issued Request for Proposal (RFP) #10363 on June 27, 2014, on behalf of DPW for the purchase of transit buses over the next five years. The RFP was released on the County's e-Procurement platform (Public Purchase) and notices were e-mailed to 188 potential proposers. The RFP was also advertised on the County's website. Thirty-three firms viewed the RFP online. The RFP closed on September 11th. Two proposals were submitted and Procurement Services determined that both proposals were responsive. An evaluation panel made up of three Placer County representatives and three representatives from neighboring public transit agencies participated on the evaluation of proposals. The evaluation panel conducted interviews with both proposing companies, and Gillig was selected as the top proposal.

Placer County DPW and Procurement Services coordinated with the City of Roseville, Yolo County Transit District and the El Dorado Transit Authority to include these agencies in the RFP. Overall, the joint purchase would add up to as many as eighty six (86) buses purchased among all four agencies. The initial purchase for Placer County will be ten buses for Fiscal Year 2014-15 and includes six for PCT and four for TART.

The table below lists the fleet of heavy-duty fixed route buses operated by PCT and TART that will be replaced with this contract, noting the buses planned for replacement with the initial purchase of ten buses.

PCT and TART Fixed Route Buses – November, 2014					
Bus #	Model Year	Length/Width/Fuel	Seats	Mileage	Planned Replacement Year
PCT 0014	2000	30'/96"/CNG	29	408,281	2017
PCT 0015	2000	30'/96"/CNG	29	386,619	2015 ◀
PCT 0116	2001	30'/96"/CNG	29	399,496	2015 ◀
PCT 0117	2001	30'/96"/CNG	29	300,415	2015 ◀
PCT 0301	2003	35'/96"/CNG	35	604,851	2015 ◀
PCT 0302	2003	35'/96"/CNG	35	589,356	2017
PCT 0303	2003	35'/96"/CNG	35	503,605	2017
PCT 0304	2003	35'/96"/CNG	35	600,478	2017
PCT 0421	2004	35'/102"/CNG	35	821,084	2015 ◀
PCT 0422	2004	35'/102"/CNG	35	614,140	2017
PCT 0423	2004	35'/102"/CNG	35	737,176	2015 ◀
TART 0009	2000	35'/96"/Diesel	35	735,652	2015 ◀
TART 0010	2000	35'/96"/Diesel	35	801,657	2015 ◀
TART 0118	2001	35'/96"/CNG	35	659,442	2015 ◀
TART 0119	2001	35'/96"/CNG	35	545,943	2017
TART 0120	2001	35'/96"/CNG	35	598,978	2015 ◀
TART 0424	2004	35'/102"/CNG	35	520,984	2017
TART 0425	2004	35'/102"/CNG	35	500,886	2017
TART 0426	2004	35'/102"/CNG	35	498,927	2017
TART 0627	2006	40'/102"/CNG	38	462,310	2019
TART 0628	2006	40'/102"/CNG	38	411,895	2019
TART 0629	2006	40'/102"/CNG	38	402,976	2019
TART 0630	2006	40'/102"/CNG	38	437,572	2019

◀ = Replaced with this purchase; List does not include Dial-A-Ride or Commuter Bus fleet.

Upon your Board's approval of this request, the Purchasing Manager will have the explicit authority to sign all contract documents, purchase orders, and any subsequent change orders for bus purchases resulting from this contract through the effective contract period ending in December of 2019. All purchase orders for buses shall be contingent upon the Board's approval of the Budget and Master Fixed Asset List for each fiscal year that occurs during the contract period.

Bus Weight Regulations

California Vehicle Code 35554 requires that buses have an axle load weight of no more than 20,500 pounds, including the passenger load. This has long been an impractical and unattainable weight restriction on large buses due to the weight of Americans with Disabilities Act (ADA) equipment, CNG fuel tanks, and larger passenger loads. A recent amendment to the vehicle code allows for buses to exceed the weight limit if they are replacing a heavier bus or if the agency is adding a new fleet class of larger buses. Of the ten buses being purchased by Placer County in this initial purchase, eight of the buses have axles weights that exceed the weight of the bus it will replace by an average of 1087 pounds.

The buses proposed for PCT are 35-foot CNG buses that are 102 inches wide. These will replace three 30-foot CNG buses that are 96 inches wide, one 35-foot bus that is 96 inches and two CNG buses of the same 35-foot x 102 inches size. The additional length is needed to accommodate peak passenger loads, and to allow all of the buses in the fixed route fleet to be the same size so they are interchangeable between routes.

The added width is now the standard width of a bus to better accommodate wheelchairs. The front axle weight of the new 35-foot buses exceeds the front axle weight of the existing 30-foot buses by 400 pounds. However, the rear axle weight of the new bus is actually lighter. Overall the PCT bus replacement will be seven percent lighter on all bus weights combined.

The buses proposed for TART are 40-foot CNG and diesel buses that will replace two 35-foot diesel buses that are 96 inches wide and two 35-foot CNG buses that are 96 inches wide. DPW is proposing to purchase all 40-foot buses to accommodate peak loads in the summer and winter seasons, and to allow for better flexibility to operate on different routes. Because of the longer buses, all of the new TART buses will exceed the weight of the existing TART buses by an average of 1,700 pounds per bus, which is a six percent increase.

The change of length and width of the buses, along with the increased seating capacity, allows the buses to exceed the weight of the buses that are being replaced per the California Vehicle Code. A finding by the Board of Supervisors at a public hearing that the change in fleet class is necessary is required to allow for the buses to exceed the weight of the existing fleet and to exceed the gross weight of 20,500 pounds. The added weight is negligible, will not cause a safety risk, and is necessary to accommodate the modern fleet needs of both transit systems. The gross vehicle weight safety rating far exceeds the operating weights of the buses.

Purchase of CNG and Diesel Buses

DPW is proposing the purchase of one diesel bus and nine CNG buses in the initial purchase. However, DPW has requested permission from California Air Resources Board (CARB) to purchase two diesel buses and eight CNG buses. This will require a waiver by CARB to exceed their requirement that 85 percent of buses purchased in any one year must be alternate fueled buses. TART currently operates two 2000 model year diesel buses. DPW would like to replace both of those buses with diesel buses. The diesel buses are better suited for the grade over Brockway Summit. It is also useful to have some of the fleet that is not CNG fueled for occasions when the CNG fueling station is down unexpectedly for repair. DPW should receive a decision from CARB in the upcoming weeks. If approved, the overall purchase price will be \$55,000 less.

ENVIRONMENTAL

The project is statutorily exempt from CEQA pursuant to section 21080(b)(10), as it is a project to provide passenger service.

FISCAL IMPACT

The table below details the funding for the bus purchases. The ten buses being purchased in the initial purchase will cost \$5,213,564; \$3,150,300 for PCT and \$2,063,264 for TART. The budgeted amounts are intentionally set higher to allow for a contingency for any necessary change orders of approximately 1.7 percent above the purchase prices. This results in a total budget of \$5,300,000 for the initial bus purchase. The purchases will be funded with a combination of \$5,031,500 in grant funds and \$268,500 in local funding sources. Future pricing will be based upon the Producer Price Index specific to transportation equipment and shall not exceed 7 percent per year.

Budget for Bus Purchases - FY 2014-15			
	PCT	TART	TOTAL
Number of Buses	6	4	10
Total Cost – Including Contingency	\$ 3,200,000	\$ 2,100,000	\$ 5,300,000
Cost per bus - Including Contingency	\$ 533,333	\$ 525,000	\$ 530,000
Funding			
FTA - CMAQ	\$ 2,573,343	\$ 100,476	\$ 2,673,819
FTA - Rural from California		\$ 335,988	\$ 335,988
FTA - Rural from Nevada		\$ 261,000	\$ 261,000
FTA - from Tahoe Transportation District		\$ 125,000	\$ 125,000
Proposition 1B	\$ 626,657	\$ 1,009,036	\$ 1,635,693
Transportation Development Act Funds		\$ 94,500	\$ 94,500
Traffic Fee Program - Tahoe		\$ 174,000	\$ 174,000
TOTAL	\$ 3,200,000	\$ 2,100,000	\$ 5,300,000
Notes: FTA = Federal Transit Administration; CMAQ = Congestion Mitigation & Air Quality			

Attachments: Resolution
Budget Revisions (2)

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Before the Board of Supervisors County of Placer, State of California

In the matter of: A RESOLUTION AUTHORIZING A) THE PURCHASING MANAGER TO SIGN ALL CONTRACT DOCUMENTS, PURCHASE ORDERS AND CHANGE ORDERS FOR A BUS PURCHASE CONTRACT WITH GILLIG LLC OF HAYWARD, CA FOR A FIVE YEAR PERIOD THROUGH DECEMBER OF 2019, AND B) ADOPTING A FINDING PURSUANT TO CALIFORNIA VEHICLE CODE 35554 THAT THE CHANGE IN FLEET CLASS FROM 30-FOOT TO 35-FOOT BUSES AND FROM 35-FOOT TO 40-FOOT BUSES WITH A WIDTH OF 102 INCHES IS NECESSARY TO SERVE THE EXISTING AND ANTICIPATED RIDERSHIP AND TO ACCOMMODATE THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA).

Resol. No:

The following RESOLUTION was duly passed by the Board of Supervisors of the County of Placer at a regular meeting held _____,

by the following vote on roll call:

Ayes:

Noes:

Absent:

Signed and approved by me after its passage.

Attest:
Clerk of said Board

Chair, Board of Supervisors

WHEREAS, Placer County must retire the existing fleet twenty three fixed route buses between 2015 and 2019 as they reach or exceed their useful life; and

WHEREAS, Placer County issued Request for Proposals #10363 in June of 2014 for 35 and 40-foot CNG and diesel buses for a joint bus procurement with the El Dorado Transit Authority, City of Roseville, and the Yolo County Transportation District; and

WHEREAS, the proposal evaluation panel, Procurement Services Division and the Department of Public Works recommend that Gillig LLC of Hayward, CA submitted the highest ranking proposal; and

WHEREAS, the Placer County Department of Public Works has sufficient budget resources, and the need to replace ten buses in 2015; and

WHEREAS, the Placer County Department of Public Works recommends replacing 30-foot buses with 35-foot buses at Placer County Transit, and 35-foot buses with 40-foot buses at Tahoe Area Regional Transit; and

NOW, THEREFORE, BE IT RESOLVED BY the Board of Supervisors of the County of Placer, State of California,

- a. Authorize the Purchasing Manager to sign all contract documents, purchase orders and change orders for a bus purchase contract with Gillig LLC of Hayward, CA for a five-year period through December of 2019, resulting from request for proposals #10363, with an initial purchase of ten buses in an amount not to exceed \$5,300,000, and**
- b. Adopt a finding pursuant to California Vehicle Code 35554 that the change in fleet class from 30-foot to 35-foot buses and from 35-foot to 40-foot buses with a width of 102 inches is necessary to serve the existing and anticipated ridership and to accommodate the requirements of the Americans with Disabilities Act (ADA).**

**PLACER COUNTY
BUDGET REVISION**

PAS DOCUMENT NO.

Dept No.	Doc Type	Total \$ Amount	Total Lines
19	BR	\$280,000.00	2

- Cash Transfer Required
- Reserve Cancellation Request
- Establish Reserve Required

11/13 Auditor-Controller *RW*
 County Executive
 Board of Supervisors

ESTIMATED REVENUE ADJUSTMENT											APPROPRIATION ADJUSTMENT										
Dept No.	T Code	Rev	FUND	SUBFUND	OCA	PCA	OBJ L-3	Proj. No.	G/L Sub GL	AMOUNT	Dept No.	T Code	Rev	OCA	PCA	FUND	SUBF	Obj L-3	Proj. No.	Proj Detail	AMOUNT
19	006		210	100	002116	00301	8782			140,000.00	19	014		002116	00301	210	100	4451			140,000.00
TOTAL										140,000.00	TOTAL										140,000.00

REASON FOR REVISION: Budget Revision to increased object level #3 4451 Equipment purchases appn by \$140,000 and increase revenue object level #3 8782 appn by \$140,000 (Prop 1B) to cover the increased purchase price of the buses.

Distribution:
All copies to
Auditor

Department Head Ken Grehm *[Signature]*
 Board of Supervisors _____
 Auditor-Controller _____

Date: 11/12/2014
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**PLACER COUNTY
BUDGET REVISION**

PAS DOCUMENT NO. _____

Dept No.	Doc Type	Total \$ Amount	Total Lines
19	BR	\$1,243,200.00	4

- Cash Transfer Required
- Reserve Cancellation Request
- Establish Reserve Required

- 1118 Auditor-Controller *PC*
- County Executive
- Board of Supervisors

ESTIMATED REVENUE ADJUSTMENT										APPROPRIATION ADJUSTMENT												
Dept No.	T Code	Rev	FUND	SUBFUND	OCA	PCA	OBJ L-3	Proj. No.	G/L Sub GL	AMOUNT	Dept No.	T Code	Rev	OCA	PCA	FUND	SUBF	Obj L-3	Proj. No.	Proj Detail	AMOUNT	
19	006		210	120	002218	00301	6170			94,500.00	19	014		002218	00301	210	120	4451			621,600.00	
19	006		210	120	002218	00301	7249			335,000.00												
19	006		210	120	002218	00301	8782			192,100.00												
TOTAL										TOTAL												
										621,600.00												

REASON FOR REVISION: Budget revision to increase object level #3 4451 Equipment appn by \$621,600 and increase object level #3 6170 LTF appn by \$94,500, increase object level #3 7249 Federal Revenue (FTA 5311 Caltrans) appn by \$335,000, and increase object level #3 8782 revenue appn (Prop 1B) by \$192,100 to cover increase in purchase price of the current 3 buses plus a new purchase of an additional bus.

Distribution:
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Department Head Ken Grehm

Board of Supervisors _____

[Signature]

Date: 11/12/2014

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