



June 3, 2014

**The Honorable Members of the Board of Supervisors
City and County of San Francisco
1 Dr. Carlton Goodlett Place, Room 244
San Francisco, CA 94102**

Subject: Request for Approval -- Contract with Brookville Equipment Corporation to Overhaul 16 Historic Former SEPTA Presidents' Conference Committee (PCC) Streetcars

Honorable Members of the Board of Supervisors:

The San Francisco Municipal Transportation Agency (SFMTA) requests that the San Francisco Board of Supervisors approve a Contract between the City and County of San Francisco and Brookville Equipment Corporation to overhaul 16 former SEPTA Presidents' Conference Committee (PCC) streetcars, in an amount not to exceed \$34,482,428.00 and for a term not to exceed six years.

Background

Sixteen cars of the SFMTA's fleet of former SEPTA PCCs were last overhauled 20 years ago, and have been used in daily service since then. The fleet has proven to be reliable and popular with San Francisco's riding public, but the normal wear and tear has added up necessitating renewal of these vehicles for another 20 years of service.

Along with renewing the car bodies and running gears, several vehicle subsystems are to receive technical upgrades that are sensitive to the historic nature of the vehicles but that will add safety and reliability enhancements. For example the plywood floors will be removed and replaced with stainless steel skinned "plymetal" floors for added fire safety.

Bid Process

An RFP for the overhaul was posted in April of 2013. Four proposals were received and evaluated by an impartial committee made up of experienced members of Muni's technical staff. The proposal from Brookville Equipment was determined to be the most competitive of the contract complying proposals.

Description of Work

The cars will be completely disassembled and sandblasted down the bare metal. From there, the streetcars will be rebuilt as new. Training and spare parts are included.

Upgrades beyond the basic renewal include:

- Plywood floors are to be replaced with new Plymetal floors.
- All combustible materials will be replaced with new flame and smoke compliant materials.
- All toxic materials, such as asbestos, PCBs, and lead paint will be removed from the vehicle.
- New vintage propulsion equipment receives a braking control upgrade.
- The drum brakes will be replaced with disc brakes.
- The tracks brakes will be converted from a single point contact bar to a segmented contact bar.
- A full complement of video cameras and a video recorder will be installed.
- Wayside equipment will be installed to download the recordings wirelessly.
- All lighting, except the headlights, will be upgraded to LED technology.
- Modern communications equipment will be installed.

Alternatives Considered

Two alternatives were considered to contracting the rehabilitation of these PCC with an outside vendor. The first alternative was to purchase new streetcars. Due to the historic nature of these vehicles, there are no substitutes to San Francisco’s fleet of historic streetcars and therefore purchasing new streetcars is not a viable alternative.

The second alternative considered was to perform the rehabilitation work on these vehicles using in-house labor. However, the SFTMA does not have the human resources, requisite facility space, or tools to stage a vehicle rehabilitation project of this scale in-house.

Funding Impact

The total Brookville Equipment contract is \$34,482,428. With staff project support, the total project cost is \$39,661,708. Following is a detail of the project budget:

Brookville Equipment	Cost
Vehicles to be Overhauled (16)	\$31,846,096
Vehicle Shipping (16)	\$634,448
Allowance for Training	\$150,000
Allowance for Spare Parts and Special Tools	\$500,000
California Sales Tax (8.75%)	\$1,351,884
Subtotal Brookville Equipment Contract	\$34,482,428

Other Associated Cost Items	Cost
SFMTA Force Account (Detailed Design Phase)	\$692,254
SFMTA Force Account (Procurement Phase)	\$3,624,455
Consultant Support (In-Plant Inspection)	\$500,000
Other Direct cost (Travel to vendor site)	\$25,000
SFMTA Force Account (Warranty Phase)	\$337,571
Subtotal of Other Associated Cost Items	\$5,179,280
Total Project Cost	\$39,661,708

This project will be funded by FTA Section 5307 funds and Proposition K Sales Taxes as detailed below.

Project Funding Source	Amount
Federal Grant	\$31,729,367
RM2 Bridge Toll Funds	\$1,001,413
Proposition K	\$6,930,928
Total Funding	\$39,661,708

SFMTA Board Action

On May 20, 2014, the SFMTA Board of Directors adopted Resolution No. 14-077, which authorized the Director of Transportation to execute the Contract with Brookville Equipment Corporation in an amount not to exceed \$34,482,428 and for a term not to exceed six years.

Recommendation

The SFMTA recommends that the San Francisco Board of Supervisors authorize the SFMTA to enter into a Contract with Brookville Equipment Corporation for the overhaul of 16 former PCC streetcars for a price not to exceed \$34,482,428 and for a term not to exceed six years.

Thank you for your consideration of this proposed agreement. Should you have any questions or require more information, please do not hesitate to contact Mr. Louis Maffei at (415) 337-2337 or Mr. Elson Hao at (415) 401-3196 at any time.

Sincerely,



Edward D. Reiskin
Director of Transportation

