



**Meeting Date: April 6, 2020**

**Agenda Item: 5.2**

**Created By: M. Yee**

Approval of the Purchase of an Electric Train Engine and Passenger Car for Kennedy Park

**Executive Summary:**

The Board of Directors will consider approval to purchase an electric train engine and wheelchair-accessible passenger car for Kennedy Park.

**Financial Impact:**

Funding for purchase of the electric train engine and wheelchair-accessible passenger car is available in the Kennedy Park Renovation Project (CIP 2-097) budget reserve fund.

Total Project Budget:	\$19,705,000
<u>Total Anticipated Project Cost:</u>	<u>(\$18,024,152)</u>
Available Project Reserve:	\$1,680,848

Train Engine:	\$256,100
Passenger Car:	\$69,400
<u>Sales Tax:</u>	<u>\$31,740</u>
Total Cost of Train	\$357,240

Remaining Project Reserve: \$1,323,608

**Staff Recommendation:**

By motion, approve the purchase an electric train engine and wheelchair-accessible passenger car for Kennedy Park for an amount not to exceed \$357,240.

**Description of Item:**

Kennedy Park is currently undergoing park-wide renovation with an anticipated completion in fall 2020. The train ride is a unique feature in the public park and has been a very popular ride with park users since 1975. The existing train runs on gasoline and none of the existing passenger cars are able to accommodate a person in a wheelchair.

Chance Rides manufactured the existing train engine operated at Kennedy Park which is based on the design of a C.P. Huntington Train. The existing train engine runs on gasoline, which adds to the District's operating costs. However, Chance Rides now offers an electric train engine with zero emission that runs on a lithium-ion battery at a lower operational cost. The design of the train engine remains based on the historic C.P. Huntington Train. The electric train engine is anticipated to provide an annual savings of \$34,000 due to decrease in cost for maintenance labor, parts and fuel. The life of the battery in the engine is estimated at this point between 3 to 5 years depending on the amount of use. The replacement cost of the battery is currently \$12,500 and the disposal fee of the existing battery is unknown at this time.

The electric train engine with charging station costs \$226,800. With selected options of a wheel lubricator/friction kit for reduced maintenance, amplifier for an operator-held microphone, audio effects system for safety, second charging station for charging when in storage, and 2-year warranty, the total cost is \$256,100.

In addition, Chance Rides offers a passenger car with a retractable ramp that accommodates a wheelchair user, which the existing passenger cars do not. This all-inclusive passenger car with a wheel lubrication/friction kit for reduced maintenance costs \$69,400.

The combined cost for the electric train engine and wheelchair-accessible passenger car with sales tax is estimated at \$357,240, which would be offset by the annual maintenance and fuel savings in 10.5 years.

Additionally, Staff is pursuing two funding options, if successful, might leverage the Bond funds and offset the purchase costs. One option is a Carl Moyer Program grant which is a voluntary, incentive grant program that reduces air pollution from vehicles and equipment by providing incentive funds to private companies and public agencies. The Carl Moyer grant may fully or partially fund the purchase of the electric train engine to replace the gas powered engine. The other option is a BNSF Railway grant that might partially fund the wheelchair-accessible passenger car.

**ATTACHMENTS:**

Description	Upload Date	Type
Electric Train Engine Brochure	3/2/2020	Exhibit
Wheelchair-Accessible Passenger Car Brochure	3/2/2020	Exhibit