



CITY OF COMMERCE AGENDA REPORT

TO: Measure AA Advisory Committee

Item No. _____

FROM: City Administrator

SUBJECT: Allocation of Measure AA Funds for Initial Design to Supply Electrical Power to the Existing Fueling Station next to the Commerce Refuse-to-Energy Facility

MEETING DATE: August 14, 2018

RECOMMENDATION:

Allocate \$10,000 for the initial design in developing plans for supplying electrical power to the existing fueling station next to the CREF facility, so that it can continue its operations in supplying natural fuel to buses and other vehicles for the City's Transportation Department.

BACKGROUND:

The electrical power that feeds *Compressed Natural Gas* (CNG) and *Liquefied Natural Gas* (LNG) fueling station comes from the *Commerce Refuse-to-Energy Facility* (CREF). It was the first of its kind in southeast Los Angeles. Located at 5940 Sheila Street (along an alley) in an industrialized region of the City, the station is situated at the intersections of I-5 and the I-710 freeways. It provides environmentally-friendly CNG and LNG fuel for the public transit buses and other City vehicles operated by the Transportation Department.

Commerce Refuse-to-Energy Facility (CREF) was opened in 1987 and maintained and operated by the County Sanitation Districts of Los Angeles County, the CREF facility officially closed its operations on June 26, 2018 due to insufficient operating costs.

However, much of the CREF facility will still remain, but Southern California Edison (SCE) will dismantle the sub-station that supplies power to the CREF facility due to the fact that the power CREF used to generate to the grid would cease to continue and CNG and LNG fueling station will shut down once the sub-station is dismantled.

Therefore, it's imperative that another means is put in place to supply electrical power to CNG and LNG fueling station so the fueling station can continue its operations in supplying CNG and LNG fuel to the City's buses and vehicles.

ANALYSIS:

City staff, along with the Planning Division from Southern California Edison (SCE) met and made arrangements to provide a separate electrical power source to the CNG and LNG fueling station.

During these discussions, tentative agreements made in July 2018 between the City and SCE called for SCE planners to design the actual power source, including power lines, transformers, meters, etc. that will connect from an existing power source along Sheila Street and will run underground along the existing alley and connect directly to the CNG and LNG fueling station. The alley is currently owned and maintained by the County of Los Angeles.

This design will take approximately eight (8) weeks and will be prepared by SCE's Planning Division. The cost of this design is approximately \$10,000 and will be funded by the City.

Additionally, two (2) easements are required. One easement will account for the new underground power source that will supply electricity to the fueling station, thereby making it operable. It will be created and planned by the real property division within SCE and will be part of the \$10,000 cost in implementing the design. The second easement will be an access easement to the CNG and LNG fueling station in order to ingress and egress to the existing CNG and LNG fueling station.

The actual construction of the underground power line through the alley will come at a future date after the design and easements have been reviewed and approved. At that time, the construction cost will be determined and funding will be appropriately allocated by the City.

ALTERNATIVES:

1. Approve staff recommendation
2. Disapprove staff recommendation
3. Provide further direction to staff

FISCAL IMPACT:

The initial cost for SCE to perform the design of the proposed underground power line installation underneath the alley and also for the easements is estimated to be \$10,000. Construction costs related to this will be determined at a later date.

Approved by: Maryam Babaki, P.E., Director of Public Works and Development Services

Prepared by: Seung Yang, Deputy Director of Engineering Services

Reviewed by: Vilko Domic, Finance Director

Approved as to form: Noel Tapia, City Attorney

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Respectfully submitted: Edgar P. Cisneros, City Administrator