

1 **[Accept and Expend Regional Grant]**

2  
3 **Resolution authorizing the Department of the Environment (SF Environment) to accept**  
4 **and expend grant funds, in the amount of \$44,000 from the Bay Area Air Quality**  
5 **Management District (BAAQMD) to convert one Prius hybrid vehicle into a Plug-In**  
6 **Hybrid Electric Vehicle for the purpose of public outreach and demonstration.**

7  
8 WHEREAS, BAAQMD has agreed to partner with the City and County of San  
9 Francisco in a project demonstrating Plug-In Hybrid Electric Vehicle (PHEV) technology; and,

10 WHEREAS, the Board of Supervisors for the City and County of San Francisco  
11 enacted the "Healthy Air And Smog Prevention" Ordinance in 1999 to reduce emissions from  
12 the City's fleet vehicles in an effort to promote clean air and to protect public health; and,

13 WHEREAS, the Board of Supervisors for the City and County of San Francisco  
14 adopted the Sustainability Plan for the City and County of San Francisco which states that  
15 "[a]chieving and maintaining good air quality is crucial to the public health and economic  
16 vitality of San Francisco" ; and,

17 WHEREAS, PHEVs differ from standard Hybrid Emissions Vehicles (HEV) by having  
18 larger battery capacity and the ability to be charged from a standard electrical outlet so  
19 PHEVs can travel in essentially pollution-free all-electric mode for significant distances (20-60  
20 miles) in addition to conventional range in gasoline mode; and,

21 WHEREAS, PHEVS show reduced tailpipe emissions of criteria pollutants, and  
22 reduced tailpipe emissions of greenhouse gases compared to HEVs; and,

23 WHEREAS, PHEVs show reduced consumption of petroleum and reduced operational  
24 cost (fuel); and,

25

1           WHEREAS, PHEVs show potential for electric peak-shaving through off-peak charging  
2 and grid-to-vehicle connection; and,

3           WHEREAS, Currently, no auto companies produce PHEVs; and,

4           WHEREAS, the City and County of San Francisco, BAAQMD, and other stakeholders  
5 will gain important information about the operational performance of PHEVs as a result of the  
6 daily fleet use of the vehicles; and,

7           WHEREAS, San Francisco will be the first city in the Bay Area to demonstrate PHEVs  
8 in a municipal fleet and SF Environment will make the vehicles available for demonstration  
9 with other cities and fleets in the region; and,


10          WHEREAS, This grant includes \$4,000 for indirect costs; and,

11          WHEREAS, This grant does not require an ASO amendment; now, therefore, be it

12          RESOLVED, That the Director of the Department of the Environment for the City and  
13 County of San Francisco is authorized to accept and expend \$44,000 from the Bay Area Air  
14 Quality Management District.

15

16 Recommended:

17   
18 \_\_\_\_\_

19 Department Head

Approved: \_\_\_\_\_

Mayor

Approved: \_\_\_\_\_

Controller, Grant Division

20

21

22

23

24

25