



GENERAL SERVICES AGENCY

800 South Victoria Avenue, L#1000
Ventura, CA 93009
(805) 654-3700

September 23, 2020

SUBJECT: GSA FLEET SERVICES PROPOSAL FOR POTENTIAL PHASE 2 EV BLUEPRINT GRANT

Dear Heather Allen:

Please review attached excel document and narrative below for GSA-Fleet Services proposal for inclusion in the Phase 2 EV Blueprint Grant opportunity.

GSA-Fleet Services has been on the forefront of electrified travel amongst governmental agencies within the County of Ventura. After creating a strategy for the electrification of County employee transportation we were able to gain Board approval and funding to proceed, and successfully saw the addition of 14 new EVs and associated charging infrastructure to our Central Motor Pool in parking lot E of the County Government Center. This has allowed our staff to gain expertise in practical EV concept design, and project planning, oversight and delivery. It is for these reasons why I think that GSA-Fleet would be an efficient and successful use of available grant resources.

We have identified four remote motor pool (RMP) locations as a priority in our expansion of EV transportation offerings. These sites extend EV motor pool availability into Simi Valley and Camarillo, and include a mix of BEV Chevrolet Bolts and PHEV Chrysler Pacifica minivans. The cost of equipment is as follows:

EQUIPMENT	COST PER UNIT
Chevrolet Bolt BEV	\$ 33,034
Chrysler Pacifica PHEV	\$ 40,500
ChargePoint Dual Port Charging Station	\$ 5,000
Envision Solar Charging Canopy	\$ 73,732

Marina Verdian
Chief Deputy Director
Facilities & Materials

Greg Bergman
Deputy Director
Administrative Services

J. Colter Chisum
Deputy Director
Parks Department

Christopher Melton
Deputy Director
Fleet Services

GSA FLEET SERVICES PHASE 2 EV BLUEPRINT GRANT PROPOSAL

SEPTEMBER 23, 2020

Page 2

Our proposal includes the following EV distribution and costs for vehicles:

REMOTE MOTOR POOL LOCATION	VEHICLE COUNT		Total Vehicles	TOTAL VEHICLE COST		TOTALS
	EV	PHEV MINIVAN		EV	PHEV MINIVAN	
PARTRIDGE DR., VTA	3	1	4	\$ 99,102	\$ 40,500	\$ 139,602
TELEMARK / TRB, VTA	2	2	4	\$ 66,068	\$ 81,000	\$ 147,068
CAM PD LAS POSAS, CAM	6	0	6	\$ 198,204	\$ -	\$ 198,204
MADERA RD, SIMI	10	0	10	\$ 330,340	\$ -	\$ 330,340
TOTALS	21	3	24	\$ 693,714	\$ 121,500	\$ 815,214

On the infrastructure side, we have selected the Envision Solar EV Arc stand-alone solar canopy to supply electricity to a dual port ChargePoint charging station at a 1:1 ratio. Each solar canopy will support one dual port charging station supporting two EVs/PHEVs. Our proposal includes the following infrastructure costs by location:

REMOTE MOTOR POOL LOCATION	CHARGING STATIONS		INFRASTRUCTURE COST	TOTALS
	COUNT	CHARGER COST	PORTABLE SOLAR	
PARTRIDGE DR., VTA	2	\$ 10,000	\$ 147,464	\$ 157,464
TELEMARK / TRB, VTA	2	\$ 10,000	\$ 147,464	\$ 157,464
CAM PD LAS POSAS, CAM	3	\$ 15,000	\$ 221,196	\$ 236,196
MADERA RD, SIMI	5	\$ 25,000	\$ 368,660	\$ 393,660
TOTALS	12	\$ 60,000	\$ 884,784	\$ 944,784

In total, we are asking \$1,759,998 for vehicle and infrastructure acquisition and installation costs supporting 24 additional BEVs/PHEVs.

REMOTE MOTOR POOL LOCATION	TOTAL COST BY LOCATION
PARTRIDGE DR., VTA	\$ 297,066
TELEMARK / TRB, VTA	\$ 304,532
CAM PD LAS POSAS, CAM	\$ 434,400
MADERA RD, SIMI	\$ 724,000
TOTALS	\$ 1,759,998

GSA FLEET SERVICES PHASE 2 EV BLUEPRINT GRANT PROPOSAL

SEPTEMBER 23, 2020

Page 3

In selecting locations for future EV expansion, we prioritize locations that average high utilization across all vehicles at that location. The table below shows average monthly vehicle utilization at each location for the time period of July 2019 through February 2020, and the average utilization at each location for the 2019-2020 fiscal year. Given that the average County vehicle utilization is 34.8%, these locations are all utilized significantly more than the average County vehicle and will generate a greater emissions savings due to their high usage rates.

REMOTE MOTOR POOL LOCATION	UTILIZATION BY MONTH								FY19/20 TOTALS
	19JUL	19AUG	19SEP	19OCT	19NOV	19DEC	20JAN	20FEB	
PARTRIDGE DR., VTA	57.4%	56.6%	53.9%	55.1%	62.9%	50.4%	42.9%	67.1%	55.8%
TELEMARK / TRB, VTA	82.3%	73.3%	79.3%	78.6%	74.8%	70.0%	89.4%	81.5%	78.9%
CAM PD LAS POSAS, CAM	73.9%	81.6%	86.2%	74.3%	81.8%	75.6%	85.5%	86.7%	80.7%
MADERA RD, SIMI	69.8%	73.5%	55.6%	54.1%	53.1%	49.9%	53.1%	53.8%	57.8%

The anticipated annual savings in CO2 for this project is 61,328 pounds (27.8 metric tons). Given a total project cost of \$1,759,998, this project results in an annual reduction of 0.035 pounds of CO2 per dollar spent.

VEH	YEAR	DESCRIPTION	LOCATION	FY 19/20 TOTAL MILES	FY 19/20 AVERAGE MILES/M	FY 19/20 USES	FY 19/20 AVERAGE MILES/USE	MPG	19/20 TOTAL GALLONS	FY 19/20 POUNDS Co2
102816	2016	RMP Fusion	2900 MADERA RD	11,235	936	214	53	22	510.7	10,214
1142	2012	FUSION HYBRID	2900 MADERA RD	6,876	573	131	52	41	167.7	3,354
1090	2010	RMP Insight Hybrid	2900 MADERA RD	5,745	479	120	48	40	143.6	2,873
1094	2010	RMP Insight Hybrid	2900 MADERA RD	6,479	540	140	46	40	162.0	3,240
1126	2012	RMP Focus	2900 MADERA RD	6,531	544	118	55	27	241.9	4,838
1150	2013	RMP Cmax Hybrid	2900 MADERA RD	12,533	1,044	183	68	42	298.4	5,968
1153	2013	RMP Cmax Hybrid	2900 MADERA RD	9,501	792	163	58	42	226.2	4,524
1158	2013	RMP Focus	2900 MADERA RD	8,051	671	141	57	27	298.2	5,964
1159	2013	RMP Focus	2900 MADERA RD	6,722	560	146	46	27	249.0	4,979
3642	2010	RMP Fusion	2900 MADERA RD	8,082	674	150	54	22	367.4	7,347
Total 2900 Madera Rd				81,755	10,203	1,506			2,665.0	53,300
1113		CIVIC HYBRID	PARTRIDGE	5,381	448	168	32	44	122.3	2,446
1152		CMAX Hybrid	PARTRIDGE	5,124	427	174	29	42	122.0	2,440
4632		TRANSIT VAN	PARTRIDGE	8,817	735	164	54	14	629.8	12,596
Total Partridge				19,322	1,508	1,736			1,623	1,773
1151	2013	RMP Cmax Hybrid	Camarillo PD	7,801	650	121	64	42	185.7	3,715
1200	2007	FORD FOCUS	Camarillo PD	5,071	423	94	54	27	187.8	3,756
123217	2017	FORD FOCUS	Camarillo PD	9,911	826	116	85	27	367.1	7,341
1110	2010	CIVIC HYBRID	Camarillo PD	6,811	568	161	42	44	154.8	3,096
3648	2010	RMP Fusion	Camarillo PD	5,818	485	118	49	22	264.5	5,289
Total Camarillo PD				35,412	3,826	3,852			3,818	3,825
1149	2013	CMAX Hybrid	TELEMARK	5,730	478	194	30	42	136.4	2,729
4743	2013	DODGE CARAVAN	TELEMARK	7,397	616	201	37	17	435.1	8,702
4733	2013	DODGE CARAVAN	TELEMARK	6,985	582	196	36	17	410.9	8,218
3691	2006	CHEVY IMPALA	TELEMARK	5,351	446	174	31	18	297.3	5,946
Total Telemark				25,463	2,370	2,357			2,159	2,429
				161,952					10,265.3	61,328
				MILES					GALLONS	POUNDS

GSA FLEET SERVICES PHASE 2 EV BLUEPRINT GRANT PROPOSAL

SEPTEMBER 23, 2020

Page 4

For this project, we anticipate a completion date within 1 calendar year of fund availability. This includes acquisition of the vehicles and equipment and installation at the sites specified.

Please review this project proposal and let me know if I can supply any further information to help make the grant application more competitive.

Sincerely,

Christopher Melton
Deputy Director – Fleet Services