



AGENDA REPORT

SAN CLEMENTE CITY COUNCIL MEETING
Meeting Date: September 3, 2019

Agenda Item 66

Approvals:
City Manager [Signature]
Dept. Head [Signature]
Attorney _____
Finance [Signature]

Department: Public Works
Prepared By: Tom Bonigut, Public Works Director/City Engineer

Subject: *REPLACE FLEET VEHICLE NOS. 1057 AND 1080.*

Fiscal Impact: Yes. A supplemental appropriation of \$64,000 will be needed to purchase the two requested vehicles. However, awarded grant funds and accrued replacement charges for these vehicles will fund most of this cost, resulting in a net additional cost of \$6,270 to acquire the two replacement vehicles.

Summary: City Council approval is requested to appropriate funds and approve the purchase of two (2) Chevrolet Bolt all-electric vehicles at a total estimated cost of \$64,000.

Background: At its July 24, 2018 meeting, the City Council adopted Resolution No. 18-38 authorizing submittal of a grant application to the Mobile Source Pollution Reduction Committee (MSRC) for funds to support installation of four electric vehicle charging stations at City Hall and acquisition of several all-electric fleet vehicles (refer to Attachment 1 for July 24, 2018 Council report). The MSRC consists of representatives from regional air quality, planning and transportation agencies, and develops funding programs to assist in meeting regional air quality goals established by the South Coast Air Quality Management District (SCAQMD). In October 2018 City staff was notified that the City's grant application was approved and that the City was awarded up to \$85,000 to implement the electric vehicle charging stations and acquire all-electric vehicles. On January 15, 2019, the City Council approved agreements related to the installation of the electric vehicle charging stations, and that project is currently underway. The project also include acquisition of two light-duty all-electric vehicles and two all-electric passenger sedans (refer to Attachment 2 for January 15, 2019 Council report). As discussed in this report, new fleet vehicles will be procured via the existing fleet vehicle bid process. This process was recently completed for the two passenger vehicles as discussed below.

Discussion: Staff solicited bids for two Chevrolet Bolt all-electric vehicles, or equivalent, using the City's PlanetBids system. Only one bid for two Nissan Leaf electric vehicles was received, at a cost of \$36,951 (including tax and registration) each which exceeded the \$30,000 budget for each vehicle. Staff then solicited and received a price quote from a local Chevrolet dealer that has several base model Bolt vehicles in stock. The quote is \$28,070, plus estimated \$2,555 for tax and registration, for an estimated total of \$30,625 for each vehicle. Since this is only slightly over the budget for each vehicle, staff recommends rejecting the Nissan bid and approval to purchase the Chevrolet Bolt vehicles from Simpson Chevrolet of Irvine, California. The total cost is estimated because the Simpson price quote expires before the Council's September 3 meeting.

Simpson will provide an updated quote prior to the Council meeting which is not expected to materially differ from the original quote, therefore staff recommends approval of a not-to-exceed amount of \$32,000 for each vehicle (\$64,000 total) to purchase two Chevrolet Bolt vehicles.

The new electric vehicles will replace vehicle No. 1057, which is a 2006 Ford Focus used by Planning staff, and vehicle No. 1080 which is a 2007 Chevrolet Malibu used by Code Enforcement. The Planning vehicle will be outfitted with a City seal as with most other City fleet vehicles, however the Code Enforcement vehicle will remain "unmarked" with no City seal applied. Both vehicles will be stationed at City Hall and thus will be able to use the new electric vehicle charging station which is currently under construction.

Recommended

Action: STAFF RECOMMENDS THAT the City Council:

1. Reject the bid from Fleet Vehicle Source for two Nissan Leaf vehicles;
2. Approve the purchase of two (2) Chevrolet Bolt vehicles from Simpson Chevrolet at a cost not to exceed \$64,000 total for both vehicles for the replacement of fleet vehicle numbers 1057 and 1080; and
3. Approve a supplemental appropriation of \$64,000 from the Fleet Replacement Reserve undesignated fund balance to the Fleet Automotive Account No. 065-824-45600.

Attachments: 1. July 24, 2018 report to Council.
2. January 15, 2019 report to Council.

Notification: None.

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AGENDA REPORT

SAN CLEMENTE CITY COUNCIL MEETING
Meeting Date: July 24, 2018

Attachment 1

Agenda Item 6-Z
Approvals:
City Manager [Signature]
Dept. Head [Signature]
Attorney [Signature]
Finance [Signature]

Department: Public Works
Prepared By: Tom Bonigut, Public Works Director/City Engineer

Subject: *RESOLUTION TO APPROVE PARTICIPATION IN THE MSRC LOCAL GOVERNMENT PARTNERSHIP PROGRAM FOR A GRANT TO SUPPORT ELIGIBLE CLEAN AIR PROJECTS.*

Fiscal Impact: Yes. This grant requires matching funds of about \$77,000. There is available funding in the Fleet Reserve Fund. Much of which has already been reserved for vehicle replacements per current practice.

Summary: This action is to approve submittal of an application under the Mobile Source Air Pollution Reduction Review Committee (MSRC) Local Government Partnership Program as further discussed below.

Background: In September 1990, California Assembly Bill (AB) 2766 was signed into law which authorized a surcharge on annual vehicle registration fees to fund programs to reduce air pollution from motor vehicles. AB 2766 funds are distributed to regional air quality management districts and then applied to various air pollution reduction programs. For example, the City receives about \$80,000 annually under AB 2766 from the South Coast Air Quality Management District (SCAQMD) to support local efforts such as the San Clemente Trolley and expansion of the City's bicycle lane network. The SCAQMD also has a "discretionary fund" for which its Mobile Source Air Pollution Reduction Review Committee (MSRC) develops, evaluates and funds additional air pollution reduction programs in the Southern California region. Under its Local Government Partnership Program, the MSRC has reserved a pro-rata funding amount for local governments based on population. For San Clemente, just over \$85,000 has been reserved for projects such as acquisition of zero-emission vehicles or installation of electric vehicle charging stations. Since this funding is not competitive, the City will receive its reserved funding provided the City proposes, via a simplified application, eligible projects and provides the required match funding.

Discussion: There are five categories of projects eligible for funding assistance through the MSRC program:

1. Light-duty zero emission vehicle purchases or leases;
2. Medium & heavy-duty zero emission vehicle purchases;
3. Near-zero emission heavy duty alternative fuel vehicle purchases & repowers;
4. Electric vehicle ("EV") charging infrastructure installation; and
5. Alternative fuel refueling infrastructure (new construction or expansion).

Based on current and near-term projected fleet vehicle replacements, staff recommends pursuing MSRC funding to offset the cost of acquiring all-electric

versions of several fleet vehicles that are planned or soon coming due for replacement. These include two light-duty maintenance utility vehicles for beach and trail maintenance, and two small four-door sedans for use as City staff pool vehicles. The MSRC grant will match 50% of the electric vehicle cost, up to a maximum of \$10,000. The utility vehicles do not require special charging stations. To support the two new all-electric sedans, the application would include two new electric vehicle charging stations (with two connectors each to support four vehicles) to be installed at the 910 Calle Negocio City Hall site. This would allow fast charging of the two City pool vehicles and provide charging stations for the public. By making these stations also available to the public, the MSRC program will reduce the City's required cost sharing contribution to 25% for the charging stations. Since the charging stations support City fleet vehicles, staff proposes that the Fleet Reserve Fund provide all of the City's required match funding as summarized below. Note that most of the fleet funding has already been "reserved" per current practice for the replacement of the proposed vehicles.

Project / Item	Estimated Cost	MSRC Grant	City Match (Fleet Fund)
Two light duty all-electric maintenance utility vehicles	\$42,000	\$20,000	\$22,000
Two all-electric small passenger sedans	\$60,000	\$20,000	\$40,000
Two charging stations	\$60,000	\$45,000	\$15,000
TOTAL	\$162,000	\$85,000	\$77,000

The MSRC program requires that a brief presentation be provided to the City Council, therefore staff will provide this at the Council's July 24 meeting. The required resolution is attached, which: a) acknowledges receipt of the MSRC PowerPoint Presentation on the Local Government Partnership Program, as required to participate in the program; b) authorizes staff to submit an application for qualifying clean air projects and designates the City Manager as the authorized representative for the City of San Clemente; c) authorizes the use of Fleet Reserve Funds to be used as matching funds, as required, to receive up to \$85,000 in MSRC grant funds; and d) authorizes the City Manager to sign and submit all required documents, application, agreements and amendments with the South Coast Air Quality Management District ("SCAQMD") to receive MSRC's Local Government Partnership Program Funds.

Recommended

Action: STAFF RECOMMENDS THAT the City Council approve and adopt Resolution No. _____ titled "A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SAN CLEMENTE, CALIFORNIA, APPROVING PARTICIPATION IN THE STATE OF CALIFORNIA MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE (MSRC) LOCAL GOVERNMENT PARTNERSHIP PROGRAM AND RECEIPT OF UP TO \$85,000 IN MSRC GRANT FUNDS."

Attachment: Resolution.

Notification: None.

RESOLUTION NO.

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF
SAN CLEMENTE, CALIFORNIA, APPROVING
PARTICIPATION IN THE STATE OF CALIFORNIA MOBILE
SOURCE AIR POLLUTION REDUCTION REVIEW
COMMITTEE (MSRC) LOCAL GOVERNMENT
PARTNERSHIP PROGRAM AND RECEIPT OF UP TO
\$85,000 IN MSRC GRANT FUNDS

WHEREAS, the Mobile Source Air Pollution Reduction Review Committee (MSRC) has created a new Local Government Partnership Program to emphasize an accelerated transition to zero and near-zero emissions vehicles along with essential supporting infrastructure for jurisdictions within the South Coast Air Quality Management District (SCAQMD); and

WHEREAS, the City of San Clemente is an eligible jurisdiction under the MSRC's Local Government Partnership Program and has been allocated a reserved funding amount of up to \$85,500 in discretionary funds for clean air projects as identified in the South Coast AQMD District's 2016 Air Quality Management Plan.

NOW, THEREFORE, The City Council of the City of San Clemente does hereby resolve as follows:

Section 1. Acknowledges receipt of the MSRC Local Government Partnership Program PowerPoint Presentation, as required to participate in the program.

Section 2. Authorizes staff to submit an application for the qualifying clean air projects as presented at the July 24, 2018 City Council meeting, and designates the City Manager as the authorized representative for the City.

Section 3. Authorizes the use of Fleet Reserve Funds for the approved qualifying clean air projects funding match as required to receive up to \$85,000 MRSC Program Grant Funds.

Section 4. Authorizes the City Manager to sign and submit all required documents, including the program application, to the South Coast Air Quality Management District ("SCAQMD") to participate in the MSRC's Local Government Partnership Program.

Section 5. The City Clerk shall certify to the passage and adoption of this resolution and enter it into the book of original resolutions.

PASSED AND ADOPTED this 24th day of July, 2018.

7-24-18 / 6Z-3

9-3-19 / 6G-5

Resolution No.

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ATTEST:

City Clerk of the City of
San Clemente, California

Mayor of the City of San
Clemente, California

7-24-18 / 6Z-4

9-3-19 / 6G-6

Resolution No.

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STATE OF CALIFORNIA)
COUNTY OF ORANGE) §
CITY OF SAN CLEMENTE)

I, JOANNE BAADE, City Clerk of the City of San Clemente, California, do hereby certify that Resolution No. _____ was adopted at a regular meeting of the City Council of the City of San Clemente held on the 24th day of July, 2018, by the following vote:

AYES:

NOES:

ABSENT:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the City of San Clemente, California, this _____ day of July, 2018.

CITY CLERK of the City of
San Clemente, California

Approved as to form:

City Attorney

7-24-18 / 6Z-5

9-3-19 / 6G-7



AGENDA REPORT

SAN CLEMENTE CITY COUNCIL MEETING
Meeting Date: January 15, 2019

Attachment 2

Agenda Item 9A

Approvals:

City Manager [Signature]

Depl. Head [Signature]

Attorney [Signature]

Finance [Signature]

Department: Public Works
Prepared By: Tom Bonigut, Public Works Director

Subject: *AGREEMENTS WITH VOLTAIC AND CHARGEPOINT INC. FOR ELECTRIC VEHICLE CHARGING STATIONS PURCHASE, INSTALLATION, MAINTENANCE AND CHARGING SESSION SUBSCRIPTION SERVICES.*

Fiscal Impact: Yes. If approved, the recommended actions will accept grant and rebate revenue up to \$225,000 to the Fleet Maintenance Fund and authorize a supplemental appropriation of \$192,340 in the Fleet Maintenance Reserve Fund as further discussed in this report.

Summary: A request for City Council approval of two agreements to provide for the purchase, installation and maintenance of four electric vehicle charging stations at City Hall, and to activate these stations on the ChargePoint, Inc. charging network.

Background: At its July 24, 2018 meeting, the City Council adopted a resolution authorizing submittal of a grant application to the Mobile Source Pollution Reduction Committee (MSRC) for funds to support installation of four electric vehicle charging stations at City Hall and acquisition of several all-electric fleet vehicles. The MSRC consists of representatives from regional air quality, planning and transportation agencies, and develops funding programs to assist in meeting regional air quality goals established by the South Coast Air Quality Management District (SCAQMD). The City's proposed project consists of acquiring two light-duty all-electric maintenance utility vehicles for beach and trail maintenance, and two small four-door all-electric sedan for use as City staff pool vehicles. The project also includes installation of four electric vehicle charging stations at City Hall, where two chargers will be ultra-fast DC chargers and the other two will be "Level 2" fast chargers (refer to the attached visual simulation). Installation of the charging stations at City Hall will allow charging of the electric City vehicles when needed and provide unrestricted access to the public which reduces the City's local cost sharing requirement for the project. Implementation of this project supports General Plan Policies M-2.01 (Electric Vehicles) and NR-6.10 (Alternative Fuel Stations).

In October 2018 City staff was notified that the City's grant application was approved and that the City was awarded up to \$85,000 to implement the electric vehicle charging stations and acquire all-electric vehicles. City staff also received confirmation that up to \$140,000 in additional California Energy Commission (CEC) rebate funds had been reserved for the proposed acquisition of the two ultra-fast DC vehicle chargers. Note that the MSRC grant and CEC rebate amounts depend on the final cost of the new vehicles and chargers therefore the actual grant and rebate amounts may be slightly

less than the authorized maximum amounts. With approval of the grant and reserved rebate funds, approval of agreements are needed with Voltaic (a division of Video Voice Data Communication) and ChargePoint Inc. to implement the electric vehicle charging stations.

Discussion:

The grand total project cost, including cost to acquire the new vehicles and install and activate the electric vehicle charging stations, is estimated at about \$279,400. As shown in the following table, after applying the CEC rebates and MSRC grant funds the City's net cost is about 26% of the total, or \$73,100. Per the July 24, 2018 report to Council, the City matching funds will come from the Fleet Fund which has sufficient available funds for this cost.

Project / Item	Estimated Cost	CEC Rebate	MSRC Grant	City Match (Fleet Fund)
Two light duty all-electric maintenance utility vehicles	\$42,000		\$20,000	\$22,000
Two all-electric small passenger sedans	\$60,000		\$20,000	\$40,000
Four charging stations	\$177,340	\$133,000	\$33,300	\$11,040
TOTAL	\$279,340	\$133,000	\$73,300	\$73,040

The acquisition of new fleet vehicles will be handled via the bid and procurement process typically used for such equipment purchases. The electric vehicle charging stations will use ChargePoint, Inc. as direct provider of networking services, therefore the City must enter into a Master Services and Subscription Agreement (MSSA) with ChargePoint, Inc. to utilize their cloud-based networking system. ChargePoint, Inc. operates the largest electric vehicle charging network and provides a networked approach to electric vehicle electricity purchases, where charging locations and payments are made available on a real-time basis on the user's smartphone or vehicle navigation system. Additionally, all charging station usage data is available to the City in a cloud environment and include a wide variety of reports to help provide an ongoing review of each station, including revenues received and actual electrical costs (staff will soon submit a separate report for Council approval of the proposed electricity rates to be charges at the new stations). The City Attorney has reviewed and concurs with the ChargePoint MSSA, which sets the terms for five years of ChargePoint services (including maintenance and warranty services). There is no cost associated with this agreement, as all costs for purchase, installation and maintenance of the stations will be provided via a separate agreement with Voltaic, an authorized distributor of ChargePoint products and services. Consistent with City Policy No. 201-2-1, this purchase and installation of the electric vehicle charging stations will be via a cooperative purchase under the Sourcewell (formerly the National Joint Powers Alliance) purchasing cooperative. The Voltaic agreement will utilize a City standard agreement developed by the City Attorney and will be in the amount of \$177,340. Staff also recommends authorizing a \$15,000 contingency for this agreement in case unexpected issues arise during the installation process.

The South Coast Air Quality Management District Board has approved the City's MSRC grant, but not yet provided the actual grant funding agreement. At its July 24, 2018 meeting, the City Council authorized the City Manager to sign all documents

required to participate in the MSRC grant program, therefore the grant funding agreement will be executed by the City Manager as soon as it is provided to the City.

Recommended

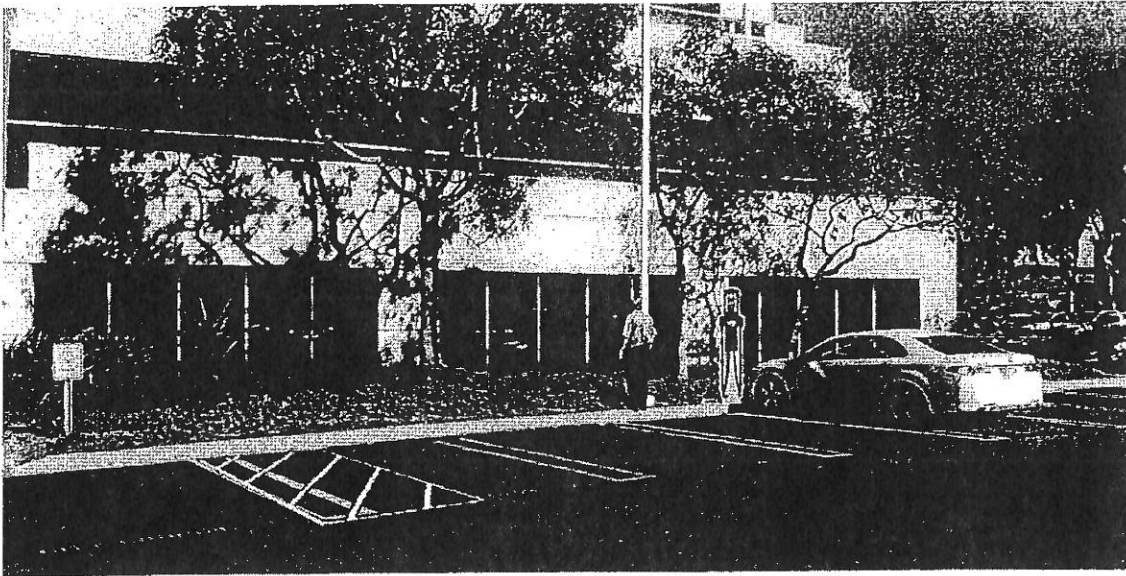
Action: STAFF RECOMMENDS THAT the City Council:

1. Approve and authorize the City Manager to execute a five-year agreement with Voltaic (a division of Video Voice and Data Communications) in the amount of \$177,340 to purchase and install ChargePoint Electric Vehicle charging infrastructure at City Hall;
2. Approve and authorize the City Manager to execute a five-year Master Services and Subscription Agreement with ChargePoint, Inc. for activation and use of ChargePoint network services;
3. Authorize a project contingency in the amount of \$15,000 to cover any unforeseen conditions and costs related to installation of the Electric Vehicle infrastructure;
4. Accept grant revenue up to \$85,000 from the Mobile Source Pollution Reduction Committee to the Fleet Maintenance Fund Account No. 065-000-33790-000-00000;
5. Accept rebate revenue up to \$140,000 from the California Energy Commission to the Fleet Maintenance Fund Account No. 065-000-33790-000-00000; and
6. Approve a supplemental appropriation in the amount of \$192,340 from the Fleet Replacement Reserve Fund undesignated fund balance to Account No. 065-824-45300-000-00000.

Attachment: City Hall EV Charging Station Visual Simulation.

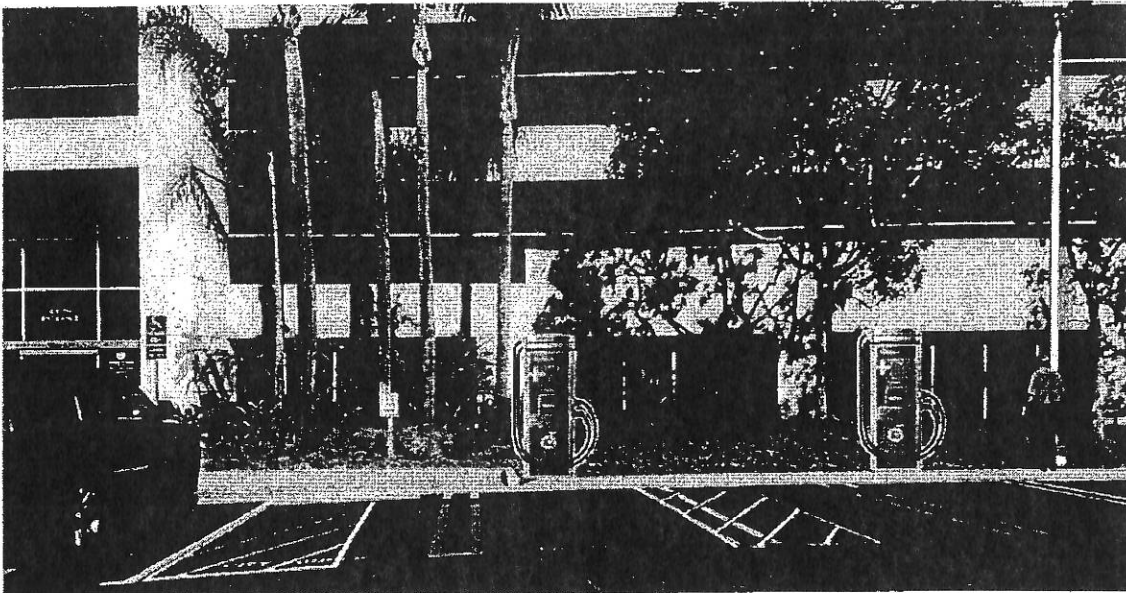
Notification: None.

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SAN CLEMENTE CITY PERMITTING CENTER EVCS: WORK LOCATION 2 (FOR REFERENCE ONLY)



NOTE: GRAPHICS ON IMAGE IS FOR REFERENCE ONLY AND MAY NOT REFLECT FINAL WORK.

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SAN CLEMENTE CITY PERMITTING CENTER EVCS: WORK LOCATION 1 (FOR REFERENCE ONLY)

PROJECT NAME:

SAN CLEMENTE CITY PERMITTING CENTER EVCS

DATE:

03/27/18

LOCATION:

910 CALLE NEGOCIO #100
SAN CLEMENTE, CALIFORNIA 92673



VIDEO VOICE DATA COMMUNICATIONS
VOLTAIC DIVISION

11381 PALM DRIVE, DANA POINT, CA 92651

1-15-19 / 9A-4

9-3-19 / 6G-11