


COUNCIL COMMUNICATION

	Number:	22-157	Meeting:	April 4, 2022
	Agenda Item:	10	Roll Call:	[]
	Submitted by:	Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Authorizing submittal of applications in the third funding cycle of Iowa's Volkswagen Settlement Environmental Mitigation Trust for Zero Emission Vehicle Supply Equipment in April 2022.

SYNOPSIS:

This action authorizes the City Manager or his designee to submit grant applications to the Iowa Department of Transportation (IDOT) for electric vehicle infrastructure as part of the Volkswagen Settlement Environmental Mitigation Trust Grant and in partnership with the National Biodiesel Foundation for Diesel Emissions Reduction Act National Grants Program to IDOT. City staff recommend the City submit two (2) applications to install two (2) Dual Port Level 2 electric vehicle charging stations each at two (2) City public parking garages - the 9th & Locust parking garage and 7th & Center Park & Ride parking garage.

FISCAL IMPACT:

Amount: Anticipated total project cost is \$103,420, with a City share of \$73,420 if maximum grant award is received for an application.

Funding Source: Grant program provides for a maximum award amount of 90% of the costs up to \$15,000 per project application. The balance of costs would be addressed with funds by the applicant. Local matching funds for the following projects are available in the 2022-23 CIP for Parking Facilities Improvements.

ADDITIONAL INFORMATION:

- In 2016, the Environmental Protection Agency (EPA) filed a complaint alleging Volkswagen violated the Clean Air Act by the sale of approximately 580,000 motor vehicles containing 2.0 or 3.0 turbocharged direct injection liter diesel engines equipped with "defeat devices" between model years 2009 and 2016. The subject vehicles are equipped with devices in the form of computer software designed to perform differently during normal vehicle operation than during emissions tests. It is alleged that during normal use, the subject vehicles emit levels of NOx in excess of the EPA compliant levels and are a serious health concern.

- As a result of two (2) related Volkswagen settlements, the state of Iowa is expected to receive approximately \$21 million in environmental mitigation trust funds over the next 10 years for projects that reduce emissions of nitrogen oxides (NOx).
- In 2020 and 2021, the City of Des Moines was awarded funding from each of the cycles of Iowa's Volkswagen Settlement Environmental Mitigation Trust for Zero Emission Vehicle Supply Equipment. Under the previous funding cycles, a total of eight (8) Dual Port Level 2 charging units have been installed in the 3rd & Court, 5th & Keo, 9th & Locust, and 4th & Grand parking facilities.
- IDOT is soliciting applications from eligible applicants for participation in the third funding cycle of Iowa's Volkswagen Settlement Environmental Mitigation Trust program Zero Emission Vehicle Supply Equipment.
- For the 2022 solicitation, two (2) applications will be submitted for adding two (2) Dual Port Level 2 electric vehicle charging stations at each of the following parking garages:
 - 9th & Locust parking garage (1st priority), with the installation proposed on the ground floor level in the metered space area to provide the greatest degree of availability and visibility for the units to the motoring public.
 - 7th & Center Park & Ride parking garage (2nd priority).
- It is anticipated that the installation of equipment would be phased to occur in the City's FY2023 and FY2024, as allowable under the terms of the award agreement if both applications are awarded funding. This phasing of installation is due to significant shortfalls in revenue in the City's parking system during prior years due to the global pandemic. Parking system revenues are used as the matching funds to the grant and are provided through monies in the Parking Facilities' Capital Improvement Program.

PREVIOUS COUNCIL ACTION(S):

Date: October 4, 2021

Roll Call Number: [21-1497](#)

Action: Purchases from the following:

- (E) [Carbon](#) Day Automotive (Brad Emarlfarb, CEO) for four electric vehicle charging stations, \$37,420 and Commonwealth Electric Company (Michael Price, President) for installation of the vehicle charging stations, \$13,826 per State of Iowa DAS purchasing contracts to be installed in the 4th & Grand and 9th & Locust parking garages for use by the Engineering Department, \$51,246 total. ([Council Communication No. 21-420](#)) Moved by Gatto to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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