



REPORT to the MAYOR and MEMBERS of the CITY COUNCIL
From the CITY MANAGER

DATE: March 9, 2021

SUBJECT: Resolution to Award the Purchase of Three 2021 Hybrid Ford Police Interceptor Utility Vehicles to Kearny Mesa Ford and the Outfitting to AEP California, LLC.

ISSUING DEPARTMENT: Police

SUMMARY:

Issues:

1. Should the City Council adopt the resolution to award the purchase of three 2021 Hybrid Ford Police Interceptor Utility vehicles to Kearny Mesa Ford?
2. Should the City Council adopt the resolution to award the outfitting of three 2021 Hybrid Ford Police Interceptor Utility vehicles to AEP California, LLC?

Recommendations:

1. That the City Council adopt the resolution to award the purchase of three 2021 Hybrid Ford Police Interceptor Utility vehicles to Kearny Mesa Ford.
2. That the City Council adopt the resolution to award the outfitting of three 2021 Hybrid Ford Police Interceptor Utility vehicles to AEP California, LLC.

Fiscal Impact:

The quoted cost for the purchase of three hybrid vehicles is \$128,478.32. The quoted cost for the outfitting of three hybrid vehicles is \$59,610.94. Funds are budgeted and available in Equipment Replacement Fund account 1315-6585 and Police Vehicle Operating Supply account 2102-6427, projects 21EPD.02-04.

City's Strategic Goals:

This project meets the City's strategic goal of providing a safe community.

Climate Action Plan Reduction Strategy:

The recommended action is in alignment with Climate Action Plan Measure T-6
Municipal Fleet Transition

BACKGROUND:

The La Mesa Police Department marked police vehicle inventory is on a standard replacement schedule. The Fiscal Year 2021 budget allows for up to three patrol vehicles to be replaced due to high mileage and the excessive expenses related to maintaining vehicles out of warranty.

In 2018, the City adopted the Climate Action Plan (CAP) which includes a greenhouse gas reduction goal of 53% by 2035. The CAP provides a list of measures and actions to explore in order to achieve this goal, including transitioning municipal vehicle fleet from gasoline and diesel-powered vehicles to alternative-fuel or other low-emissions vehicles.

The FY19-22 CAP Implementation Plan Measure T-6, Municipal Fleet, includes exploring opportunities to integrate alternative fuel options and more efficient vehicles, including hybrid, into the City's fleet as older vehicles become eligible for replacement. In 2019, the City's fleet was analyzed as part of technical assistance provided by the San Diego Clean Cities Coalition and is currently in the process of being updated in 2021 to identify opportunities to transition the municipal fleet.

DISCUSSION:

Based on City Council request, the police department researched the benefits of transitioning police vehicles to Hybrid or Electric Vehicles (EV). All San Diego police agencies were surveyed regarding their current and intended future use of these types of vehicles. Staff also consulted with Fremont Police Department on their use of the Tesla models and the implementation into a patrol vehicle. This report is intended to respond to the City Council request for additional research and information on the issue.

Electric Vehicles as Patrol Vehicles

Currently, there is not an EV patrol vehicle option that would be readily available to put into patrol duty. Modification requirements as listed in the following paragraphs would require multiple vendors. AEP, who is the main outfitter for police vehicle components, confirmed that outfitting an EV vehicle for patrol functions is possible, but there currently is no standard and proven design platform in production for the different types of EV vehicles. AEP is however, researching solutions for future EV patrol use.

The current lack of charging infrastructure and the structure of the police department patrol vehicle use does not make for the ideal circumstances for conversion to EV at this time. The vehicles used in patrol are rotated throughout the day and night and used by each patrol shift, which would leave very little time for charging. Also, if there is a mutual aid call out, officers may have to drive to rural areas for multiple days that may not have charging capabilities. Although this does not happen often, we have seen it with the devastating fires that effected San Diego County over the last decade.

EV use in police departments in the County of San Diego and throughout the state are more frequent with detective, non-sworn positions and staff vehicles, since these vehicles are not used on a continuous basis and have the ability to charge when not in use. Chula Vista and San Diego have charging stations installed in the parking garages to allow these vehicles and hybrid plug ins used for detectives and staff to charge when not in use and require them to be plugged in while at the station. La Mesa Police Department will be looking at these options for future purchases of non-patrol vehicles.

Fremont Police Department is currently only using the 2014 Tesla S Model that they purchased in 2018. The Fremont Police Department is in the process of ordering the Tesla Y Model and are having a handful of those vehicles converted for patrol. Some of the challenges that Fremont has encountered are installation of police components, to include armored doors, radios, storage, mounting systems and lights and siren. Currently, there is no single vendor that can perform this installation, so the vehicles must be sent to multiple vendors. They are hopeful that the vendors will soon be able to put together a police package that can be shipped to and installed by its fleet management in the near future.

Updated Hybrid Vehicle Proposal

In the original proposal, the police department requested one gasoline vehicle and two hybrid vehicles. After further research, the electronic issues that were of concern with earlier models of the Hybrid Ford Police Interceptor have been minimal and, in most instances, non-existent with the newer models. Currently, the La Mesa Police

Department's patrol vehicle fleet does not include hybrids and this purchase is the first step to converting the patrol fleet, to help reduce greenhouse gas emissions.

The multiple electronic components included in police patrol vehicles requires that the vehicle remain cool to prevent damage. Due to that safety measure, vehicles are required to idle while in use during warmer weather to keep internal electronics cooled. As a comparison between three standard gasoline Ford Police Interceptors and three hybrid models using the Ford comparison calculator, the City would save approximately 3,828 gallons of gasoline per vehicle compared to the standard model, which results in an estimated cost savings of \$10,527 per year. Also, according to the Ford calculator, the three hybrids could see an estimated 67,679-pound reduction in CO₂ output per year.

The cities of Chula Vista, San Diego, Escondido, Carlsbad, and National City are using the Hybrid Ford Police Interceptor Utility vehicles and have seen positive results in fuel savings and maintenance costs. Although there were some electrical issues with earlier models of the hybrid as previously stated, this issue seems to have been resolved in newer models.

The City received quotes from the two Ford dealerships in San Diego County that sell Police Interceptors and have supplied the City in previous years, Kearny Mesa Ford and Penske Ford, as well as a third quote for comparison from the cooperative purchasing contract Sourcewell in lieu of conducting a formal bid process that may have required purchasing the vehicles from an unfamiliar dealer outside of our region.

The quotes included three hybrid units matching the existing fleet. The hybrid units use a lithium-ion hybrid battery to power on-board electrical equipment, allowing the engine to shut off, running only intermittently to charge the battery. Kearny Mesa Ford had the lowest quote at \$42,826.11 per hybrid vehicle, including taxes, fees and paint. The vehicles' outfitting would be provided by AEP California LLC, which has outfitted all other police vehicles and is the only qualified vendor for this service in the county. AEP quoted the City a cost of \$59,610.94 for all three vehicles.

The City's Purchasing Officer may waive formal competitive bidding if the commodity being purchased is required to match or be compatible with equipment presently on hand, and the purchase is made from the supplier that supplied such other equipment, per La Mesa Municipal Code Section 2.40.070(a)(3). Purchasing Hybrid Ford Police Interceptor Utilities and outfitting them to match existing units will keep our patrol fleet consistent for both officers and fleet maintenance.

Under these facts, the circumstances are that Kearny Mesa Ford has previously provided Police Interceptors to the City and can provide the similar vehicles again at a


cost that is less than Penske Ford; and, as such, staff recommends that it is in the best interests of the City to award the purchase of three Hybrid Ford Police Interceptor Utility vehicles to Kearny Mesa Ford without a formal bidding process.

Additional circumstances are that AEP California, LLC has previously provided the outfitting of Police Interceptors to the City, can provide the similar services and equipment again, and is the only qualified outfitter of the equipment that is currently used; and, as such, staff recommends that it is in the best interests of the City to award the outfitting of three Hybrid Ford Police Interceptor Utility vehicles to AEP California, LLC without a formal bidding process.

CONCLUSION:


Staff recommends that the City Council adopt the resolution to award the purchase of three 2021 Hybrid Ford Police Interceptor Utility vehicles to Kearny Mesa Ford. Staff also recommends that the City Council adopt the resolution to award the outfitting of the hybrid vehicles to AEP California, LLC.


Reviewed by:



Greg Humora
City Manager

Respectfully submitted by:



Ray Sweeney
Captain


Scott Munzenmaier
Purchasing Officer

Attachments:

- A. Resolutions
- B. Summary of Vehicle Pricing

RESOLUTION NO. 2021-_____

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LA MESA TO
AWARD PURCHASE OF THREE 2021 HYBRID FORD POLICE INTERCEPTOR
UTILITY VEHICLES TO KEARNY MESA FORD

WHEREAS, the La Mesa Police Department marked police vehicle inventory is on a standard replacement schedule and the Fiscal Year 2020/2021 budget allows for up to three patrol vehicles to be replaced due to high mileage and the excessive expenses related to maintaining vehicles out of warranty;

WHEREAS, the City received a quote from Kearny Mesa Ford, which has previously provided Police Interceptors to the City, for \$42,826.11 per hybrid vehicle which include taxes, fees and paint;

WHEREAS, the City's Purchasing Officer may waive competitive bidding if the commodity being purchased is required to match or be compatible with equipment presently on hand, and the purchase is made from the supplier that supplied such other equipment, per La Mesa Municipal Code Section 2.40.070(A)(3); and

WHEREAS, purchasing hybrid Ford Police Interceptor Utilities will keep our patrol fleet consistent for both officers and fleet maintenance.

NOW, THEREFORE, BE IT AND IT IS HEREBY RESOLVED by the City Council of the City of La Mesa, California, that the City Council intends to award the purchase of three 2021 Hybrid Ford Police Interceptor Utilities to Kearny Mesa Ford for a not-to-exceed amount of \$128,478.32.

PASSED AND ADOPTED at a Regular meeting of the City Council of the City of La Mesa, California, held the 9th day of March 2021, by the following vote, to wit:

AYES:

NOES:

ABSENT:

CERTIFICATE OF CITY CLERK

I, MEGAN WIEGELMAN, City Clerk of the City of La Mesa, California, do hereby certify the foregoing to be a true and exact copy of Resolution No. 2021-_____, duly passed and adopted by the City Council of said City on the date and by the vote therein recited.

MEGAN WIEGELMAN, CMC, City Clerk

(SEAL OF CITY)

RESOLUTION NO. 2021-_____

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LA MESA TO
AWARD OUTFITTING OF THREE 2021 HYBRID FORD POLICE
INTERCEPTOR UTILITY VEHICLES TO AEP CALIFORNIA, LLC

WHEREAS, the La Mesa Police Department marked police vehicle inventory is on a standard replacement schedule and the Fiscal Year 2020/2021 budget allows for up to three patrol vehicles to be replaced due to high mileage and the excessive expenses related to maintaining vehicles out of warranty;

WHEREAS, purchasing hybrid Ford Police Interceptor Utilities will keep our patrol fleet consistent for both officers and fleet maintenance; and

WHEREAS, the vehicle's outfitting would be provided by AEP California, LLC, which has outfitted all other police vehicles and is the only qualified vendor for this service in the county, at a quoted cost of \$59,610.94 for all three vehicles.

NOW, THEREFORE, BE IT AND IT IS HEREBY RESOLVED by the City Council of the City of La Mesa, California, that the City Council intends to award the outfitting of three 2021 Hybrid Ford Police Interceptor Utilities to AEP California, LLC for a not-to-exceed amount of \$59,610.94.

PASSED AND ADOPTED at a Regular meeting of the City Council of the City of La Mesa, California, held the 9th day of March 2021, by the following vote, to wit:

AYES:

NOES:

ABSENT:

CERTIFICATE OF CITY CLERK

I, MEGAN WIEGELMAN, City Clerk of the City of La Mesa, California, do hereby certify the foregoing to be a true and exact copy of Resolution No. 2021-_____, duly passed and adopted by the City Council of said City on the date and by the vote therein recited.

MEGAN WIEGELMAN, CMC, City Clerk

(SEAL OF CITY)

THREE 2021 FORD POLICE INTERCEPTOR UTILITIES - HYBRID

	Kearny Mesa Ford		Penske Ford		National Auto Fleet Group	
	Unit	Total	Unit	Total	Unit	Total
Base Price	\$ 38,688.00	\$ 116,064.00	\$ 38,995.00	\$ 116,985.00	\$ 41,415.66	\$ 124,246.98
Additional Costs		\$ -	\$ 85.00	\$ 255.00		\$ -
Sales Tax	\$ 3,288.48	\$ 9,865.44	\$ 3,321.80	\$ 9,965.40	\$ 3,520.33	\$ 10,560.99
Fees	\$ 8.75	\$ 26.25	\$ 38.75	\$ 116.25	\$ 8.75	\$ 26.25
Paint	\$ 840.88	\$ 2,522.63	\$ 922.25	\$ 2,766.75	\$ 922.25	\$ 2,766.75
TOTAL	\$ 42,826.11	\$ 128,478.32	\$ 43,362.80	\$ 130,088.40	\$ 45,866.99	\$ 137,600.97

Local Dealer Preference			\$ (400.02)	\$ (1,200.07)		
ADJUSTED TOTAL	\$ 42,826.11	\$ 128,478.32	\$ 42,962.78	\$ 128,888.33	\$ 45,866.99	\$ 137,600.97

FINAL AWARD	Kearny Mesa Ford	\$ 128,478.32
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CERTIFICATE OF CITY/DIRECTOR OF FINANCE

Certification of Unappropriated Reserves

I HEREBY CERTIFY that the money required for the appropriation of funds for the purpose as docketed is available in the Treasury, or is anticipated to come into the Treasury, and is otherwise unappropriated.

Amount \$ _____ Fund _____

Purpose _____

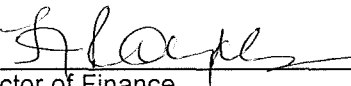
Date _____
By _____
Director of Finance
City of La Mesa

Unappropriated Reserves Available Balance \$ _____

Certification of Unencumbered Balance

I HEREBY CERTIFY that the indebtedness and obligation as docketed can be incurred; that sufficient monies to meet the obligations are actually in the Treasury, or are anticipated to come into the Treasury to the credit of the appropriation from which the same are to be drawn; and that said monies now actually in the treasury, together with the monies anticipated to come into the Treasury, to the credit of said appropriation are otherwise unencumbered.

Amount Not to Exceed \$188,089.26



Director of Finance
City of La Mesa

Date: 3/03/2021

By: Acting Chief Matt Nicholass

Fund:	Dept./Activity:	
<u>101</u>	<u>1315-6585;</u>	<u>\$174,950.00 from account 1315-6585 (amount available \$193,527.88);</u>
	<u>2102-6427</u>	<u>\$13,139.28 from account 2102-6427 (amount available \$35,455.06)</u>

Purpose: Purchase and Outfitting of Three 2021 Hybrid Ford Police Interceptor Utility Vehicles from Kearney Mesa Ford from accounts 1315-6585 and 2102-6427, projects 21EPD.02-04

CERTIFICATE NO. 1733