



**CITY OF POMONA
VEHICLE PARKING DISTRICT
BOARD OF PARKING PLACE COMMISSIONERS
STAFF REPORT**

September 22, 2021

Agenda Item No. 09-22-04

To: Vehicle Parking District Board of Parking Place Commissioners

From: Kirk Pelser, Deputy City Manager

Submitted By: Joaquin Wong, Sr. Project Manager

SUBJECT: AUTHORIZE THE PURCHASE OF SEVENTEEN (17) NEW 4G MODEMS FROM FLOWBIRD / CALE FOR \$9,455 TO REPLACE THE SOON TO BE OBSOLETE 3G MODEMS CURRENTLY IN THE CALE PARKING PAYMENT KIOSKS

RECOMMENDATION:

That the Vehicle Parking District Board of Parking Place Commissioners authorize the purchase of 17 new 4G modems from Flowbird / Cale for a cost of \$9,455 to replace the soon to be obsolete 3G modems currently in the parking payment kiosks.

EXECUTIVE SUMMARY:

The purchase of seventeen new 4G modems from Flowbird / Cale is necessary in order to keep the parking payment kiosk functioning after early 2022. The existing 3G modems will not function by the end of this calendar year. The new Flowbird / Cale 4G modems are designed to fit the existing units and programing is propriety to the company. Modems from different vendors will not work and void the Kiosk warranties.

FISCAL IMPACT:

The quote provided by Flowbird / Cale to purchase and install 17 new 4G modem in the existing parking payment kiosks is \$9,455. Sufficient funds are available in the VPD's Capital Improvement Program account for the expenditure. The VPD Capital Improvement Program (CIP) appropriation for parking lot improvement is currently \$581,260. CIP payments are funded from the VPD Fund Balance. The current VPD fund balance is \$2,201,061.

DISCUSSION:

The VPD staff recently received a notice from Flowbird / Cale, that the current 3G modems in the parking payment kiosk will no longer be compatible with upgrades to cellular services and software by early 2022. In order for the VPD parking payment kiosk to continue to function properly (Communicate with the back-office system) we will need to upgrade the current 3G modems to 4G.

The sole source purchase from Flowbird /Cale is necessary as other vendor's modems are not compatible with the Flowbird / Cale kiosks and would void the warranties nor would they fit. Cellular mandates are not governed or provided by Flowbird / Cale, equipment upgrades are configured by the cell providers and change periodically. Flowbird / Cale simply builds the compatibility between these mandates and the latest SIM (Communication platform in the units).

Without the new 4G modems, the parking payment kiosks will simply not work properly. Therefore, it is highly recommended that a sole source purchase of 17 new 4G LTE Communication modems from \$9,455 from Flowbird Urban Intelligence (Cale) be approved. It is imperative that the new modems be installed for before early 2022, when the current 3G models will no longer function.

ATTACHMENTS:

Attachment 1 – Flowbird Urban Intelligence 4G modem quotation



Flowbird - Confidential Quotation
For: City of Pomona

ATTACHMENT

Quote Issued: August 17, 2021

Quote Expires: December 31, 2021

Quote Name: Modems 4G LTE *17*

Quote ID: 5019

General Information

Bill To:
City of Pomona
505 S. Garey Ave.
City Hall, 2nd Floor
Pomona, California 91766

Contact:
City of Pomona

Prepared By:
Kerry Loomis

Prepared For:
Joaquin Wong

Equipment

Product Name	Quantity	Unit Price	Year One Total	Year Two Total	Year Three Total
4G Modem LTE Communication Upgrade <i>Modem Software Antenna</i>	17	\$475.00	\$8,075.00		
Annual Total			\$8,075.00	\$0.00	\$0.00

General Services

Product Name	Quantity	Sales Price	Year One Total	Year Two Total	Year Three Total
Installation <i>Flowbird Tech to install modems @\$125 per hour</i>	9	\$125.00	\$1,125.00		
Estimated Shipping	17	\$15.00	\$255.00		
Annual Total			\$1,380.00	\$0.00	\$0.00

Total Costs

Year One Total	Year Two Total	Year Three Total
\$9,455.00	\$0.00	\$0.00

All prices stated are exclusive of taxes and shipping costs unless specifically itemized in this quotation. Customer is responsible for all taxes or providing proof of tax-exempt status. By accepting this order, Customer agrees to be bound by all applicable terms and conditions or terms of existing contract(s) between Customer and Flowbird for the same products and services, if any:

Accepted by: _____ Date: ____/____/____ PO: _____