



## Staff Report

**TO:** Mayor and City Council  
**FROM:** Sean Thuilliez, Chief of Police  
**DATE:** November 2, 2021  
**SUBJECT:** Purchase of Mobile Data Computers for Six Police Vehicles, Mobile Command Unit and Detective Bureau

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### Background and Analysis:

The FY21/22 budget includes eight additional Panasonic Toughbook CF33 Mobile Data Computers (MDCs) for the Beaumont Police Department. Six (6) MDCs will be installed in new patrol units and two installed in the Mobile Command Center and Detective Bureau.

CDCE Mobile Integration of Yorba Linda is still identified as the lowest-priced local distributor/installer of the MDC solution. The total per unit cost (Toughbook, keyboard, port replicator, mounting kit, additional warranty, Cradlepoint IBR900 first net routers with Wi-Fi, low profile shark fin 2G/3G/4G LTE Antenna, cables, and installation) is approximately \$8,614.88 per MDC (see attached quote), for a total cost of \$68,919.10.

The MDCs in the patrol units will require two Subscriber Identity Module (SIM) cards; one from Verizon (or similar wireless carrier) and one from AT&T (or similar wireless carrier), to provide secure Wi-Fi connectivity and redundancy. The two additional MDCs will require one SIM card each for a total of 14 SIM cards. Each SIM card is projected to cost approximately \$40.00 per card (law enforcement rate), per month for a total annual cost of \$6,720.

City staff is also requesting to purchase Net Motion. Net Motion is a secure virtual private network (VPN) software that allows the MDCs to communicate to the network securely. It also assists to maintain constant connectivity and redundancy in our entire fleet of MDCs. The addition of Net Motion will be at a cost of \$4,000 annually.

### Fiscal Impact:

Funding was budgeted for this fiscal year. The fiscal impact to the Internal Service Fund (Account 600-5050-8060-0000) totals \$79,639.10.

**Recommended Action:**

Approve the purchase of eight (8) Panasonic Toughbooks, Cradlepoint IBR900 first net routers with Wi-Fi, low profile shark fin 2G/3G/4G LTE Antennas and cables for a cost of \$68,919.10 from CDCE Mobile;  
Approve the purchase of 14 SIM cards (8 from Verizon and 6 from AT&T) to be used in the MDCs for connectivity at a yearly price of \$6,720; and  
Also approve the purchase of Net Motion to enhance the connectivity of the entire patrol fleet for at a yearly cost of \$4,000.

**Attachments:**

- A. CDCE Inc. Quote for MDCs
- B. Net Motion Quote