

RESOLUTION NO. 56-2015

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ABILENE, TEXAS,
PURCHASE 12 UPS BATTERY BACKUP SYSTEMS FROM PARADIGM TRAFFIC
SYSTEMS, Inc. FROM TXBUYBOARD CONTRACT #432-13**

WHEREAS, In June of 2012 Campbell Technology Corporation conducted an assessment of interconnected highway-rail crossings along North and South First Street for Union Pacific Railroad. The inspection was conducted as a result of Safety Advisory 2010-02 regarding preemption systems issued by the Federal Railroad Administration (FRA) on October 1, 2010.

“When local power outages occur, a dark traffic signal loses its ability to provide a track clearance period. Railroad warning devices should be equipped with a back-up power supply to provide continuous operation for a number of hours. With the advent of LED technology, back-up power for traffic signals is now a realistic option. A back-up power supply maintains the operation of the traffic signal and its ability to display a track clearance interval. 2009 MUTCD recommends the use of back-up power for interconnected signals in Chapter 4D.27, Section 4D.27, Paragraph 11 which states:

Except for traffic control signals interconnected with light rail transit systems, traffic control signals with railroad preemption or coordinated with flashing-light signal systems should be provided with a back-up power supply.

WHEREAS, Battery backup systems are a vital component to ensure the safety of the traveling public at railroad crossings; and

WHEREAS, the City of Abilene is purchasing 12 UPS Battery Backup Systems through the TxBuyBoard Contract #432-13; and

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ABILENE, TEXAS:

PART 1: That the City Council approves this amount of \$60,000.00.

PART2: That this resolution shall take effect immediately from and after passage.

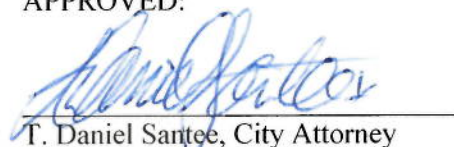
ADOPTED this 22nd day of September, 2015.

ATTEST:


Danette Dunlap, City Secretary


Norman Archibald, Mayor

APPROVED:


T. Daniel Santee, City Attorney