### RESOLUTION 2007–79

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL CERRITO ESTABLISHING THE MINIMUM TECHNOLOGICAL STANDARDS FOR INSTALLATION AND MAINTENANCE OF A VIDEO SURVEILLANCE SYSTEM AS REQUIRED BY EL CERRITO MUNICIPAL CODE SECTION 6.90.050

WHEREAS, the City Council requires certain businesses within the City to obtain, install and maintain video surveillance systems; and

WHEREAS, El Cerrito Municipal Code Section 6.90.050 "Minimum Technological Standards" requires that minimum standards are established to govern the technical capabilities of these video surveillance systems; and

WHEREAS, the Police Department has proposed a set of minimum technological standards for the required video surveillance systems consistent with current technology; and

WHEREAS, the City Council finds that these standards are necessary to ensure the quality of the image produced by these surveillance systems and do not exceed reasonable costs of procuring and operating these systems; and

NOW THEREFORE BE IT RESOLVED by the City Council of the City of El Cerrito that this Resolution is hereby enacted to establish appropriate minimum technological standards for video surveillance systems as required by El Cerrito Municipal Code Section 6.90.050.

BE IT FURTHER RESOLVED, that the video surveillance systems shall be Digital Video Recorder (DVR) based systems and that such systems will be configured and installed in a way that meets the guidelines outlined below:

## **Digital Video Recordings**

The DVR used for this purpose shall adhere to the following guidelines:

- 1. Have one dedicated channel for each camera in operation.
- 2. Shall record at least 640 X 480 recording resolution level.
- 3. Shall have the capacity to record at fifteen frames per second, per camera. For example, a system with 10 cameras would need to have a DVR capable of recording at least 150 frames per second.
- 4. Shall have enough memory to retain data from all cameras for a period of thirty days. One estimate has been provided that this would equal approximately 40 GB of hard drive memory per camera.

- 5. Possess the ability to view and retrieve data while the system remains in operation.
- 6. Possess the ability to time stamp and "watermark" the recorded images.
- 7. Possess the ability to produce a DVD-R copy of desired data for evidentiary purposes in a format playable via Windows Media Player or a standard DVD player.
- 8. Shall be placed in a locked and secured location to prevent destruction or tampering.

### Cameras

- 1. Operate with a minimum of 480 Total Vertical Lines (TVL) of resolution.
- 2. The camera shall have the ability to record color images during sufficient lighting and record in black and white during hours of low light.
- 3. Each camera shall be matched to each specific application taking into consideration:
  - a. Distance to target image.
  - b. "Lux rating" or compatibility with the amount of light available to include excessive amounts of sunlight.
  - c. View angle of camera in relation to area of desired coverage.
- 4. Each camera shall have a clear and unobstructed view of the area of desired coverage.
- 5. Cameras shall be positioned to capture "Head and Shoulder" images at exits, entrances and point of sale locations.

# **Digital Video Recorder Monitors**

- 1. Each system shall have a monitor that may be accessed by the Police Department for viewing of the recorded images.
- 2. The monitor shall be of a Liquid Crystal Display (LCD) design with a screen no smaller than fifteen diagonal inches.

#### **Power Supply**

Each system shall have a dedicated power source to prevent intentional or accidental deactivation.

BE IT FURTHER RESOLVED, that the video surveillance system will be subject to review and approval by the Police Department to ensure that these guidelines are being met.

BE IT FURTHER RESOLVED, that this Resolution shall become effective immediately upon passage and adoption of Ordinance 2007-XX.

I CERTIFY that at a regular meeting on September 17, 2007 the City Council passed this resolution by the following vote:

AYES:

Councilmembers Abelson, Bridges, Jones, Potter and Mayor Moore

NOES:

None

ABSENT:

None

IN WITNESS of this action, I sign this document and affix the corporate seal of the City of El Cerrito on September 20, 2007.

Cheryl Morse, City Clerk

Approved:

Letitia D. Moore, Mayor