



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Purchase of Police Surveillance Camera Equipment For City Parks

DATE: June 18, 1997

PREPARED BY: LARRY D. HANSEN, CHIEF OF POLICE

RECOMMENDED ACTION: That the City Council authorize the Lodi Police Department to purchase police surveillance camera equipment from the Alamo Alarm Company, 431 N. Cluff Avenue, Lodi.

BACKGROUND INFORMATION: For the past several months the Lodi Police Department has been evaluating a variety of surveillance equipment options to meet the needs of our community and department. We recommend that the proposal from the Alamo Alarm Company will meet our current needs and provide video surveillance at the Lodi Lake Park and Hale Park. We will also have one portable video surveillance camera which will be available for use in a variety of situations (graffiti and other criminal activity, etc.), and one miniature surveillance camera to be used in covert types of surveillance situations.

Paul Alamo, Alamo Alarms, has proposed their company will donate as a community service, all profits, labor, installation and one year maintenance costs for this project, providing the City makes its initial purchase through their company at their cost.

Normally, the City of Lodi would bid a project of this size, however, I am requesting a sole source vender for the following reasons: wholesale costs; free installation; free maintenance during warranty period; community based company; outstanding past performance record with the City of Lodi.

Captain Charles Mauch will be attending the Council Meeting to answer any questions regarding this matter.

FUNDING: STATE OF CALIFORNIA COPS (Citizen's Option for Public Safety) PROGRAM.
\$30,000

Larry D. Hansen
Chief of Police

cc: City Attorney

APPROVED: _____

H. Dixon Flynn -- City Manager

TO: CHIEF LARRY HANSEN
FROM: CAPTAIN CHARLES MAUCH
DATE: JUNE 2, 1997
SUBJECT: SURVEILLANCE CAMERA AND SITE PROPOSAL

LODI POLICE DEPARTMENT

MEMORANDUM

SURVEILLANCE CAMERA AND SITE PROPOSAL

For the past several months we have been evaluating a variety of surveillance equipment options to meet the needs of our community and department. Pinole Police Department has used a system similar to the one we will propose and it has been extremely successful since its inception. While their system utilizes fiber optics and a network of approximately sixty pan/tilt/zoom cameras at a cost of approximately 1.5 million dollars, our system will utilize four cameras, recorders and computer hardware and software at two sites, one mobile system and one portable system. The project cost is \$30,000.

The major differences in the two systems are:

- Number of cameras - Sixty vs. Four. Retail cost: \$5,000 per Unit.
- Fiber optics (real time) vs. Landline (delayed picture-approx. 15 seconds).
- Multiple cameras per site vs. one camera per site.

While we would be operating on a much smaller scale, our goals would be relatively the same:

- Deter Criminal Activity
- Apprehend Criminal Offenders
- Recall Surveillance Information

Paul Alamo, Alamo Alarms, 431 N. Cluff Avenue, Lodi has proposed that his company will donate as a community service, all profits, labor, installation and 1 year maintenance costs for this project, providing the City makes its initial purchase through his company at wholesale prices.

The Electrical Utilities Department has agreed to assist and provide the specialized equipment that may be needed to install the surveillance equipment at the proposed sites.

Normally the City of Lodi would bid a project of this size, however I am requesting a sole source vendor for the following reasons:

- Wholesale costs on equipment
- Free Installation
- Free Maintenance during Warranty Period
- Community Based Company
- Outstanding Past Performance Record with the City of Lodi

Again, the Alamo Alarm Company is proposing this as a Community Service Project to the City of Lodi and they will not be compensated for any phase of this project.

The following is a list of our site selections:

- Hale Park
- Lodi Lake Park
- Mobile system to be use by the Investigations Unit for surveillance's
- Portable unit to be utilized in a variety of setting, depending on criminal or suspicious activity.

The receiving station for the predetermined locations will be located in the Dispatch Center, Lodi Police Department, 230 W. Elm Street.

Refer to equipment list.

May 13, 1997

Lodi Police Department
230 West Elm Street
Lodi, Calif. 95240

Dear Garold Murray:

The following parts and information is a list of the devices we discussed for the remote video system and covert stand alone 12 volt system for the detectives unit.

- 1 12 volt black & white board chip camera.
\$ 299.00
 - 1 12 volt 4" black & white monitor.
\$ 406.00
 - 1 12 volt time lapse video recorder.
\$ 875.00
 - 1 12 volt power supply & battery kit.
\$ 125.00
 - 1 12 volt color chip camera with 50mm lens.
\$ 600.00
 - 3 Kalatel color camera domes with pan/tilt/zoom.
\$ 7500.00
 - 1 Kalatel B & W camera dome with pan/tilt/zoom.
\$ 2500.00
 - 4 ASL computerized tranceivers & recording systems.
\$ 14,000.00
 - Miscellaneous cable, hardware, brackets, connectors
\$ 3,695.00 (not to exceed figure)
- } Detectives
- } Parks
- Total: 30,000.00
Plus applicable taxes

LODI POLICE DEPARTMENT

SURVEILLANCE POLICY

I. General

- A. The citizens of Lodi are concerned about the growing issues of vandalism, graffiti and other crimes occurring in public places. These destructive actions result in the loss of property, damaged property, visually offensive conditions, public disturbances and physical violence. In an effort to deter future such actions, the Lodi Police Department and the Lodi Parks and Recreation Department, in a cooperative effort, have elected to place surveillance equipment in public places. The equipment consists of video cameras and computerized recording and monitoring systems.

II. Goals

- A. The City of Lodi endeavors to meet the following goals by utilizing surveillance equipment:
- Deter criminal activity such as those related to vandalism, gangs and narcotics.
 - Apprehend criminal offenders by retrieving video data to identify suspects.
 - Recall Surveillance information.
 - Use information to facilitate prevention of criminal activity by posting signs to create public awareness.

III. Policy

- A. As authorized by the Lodi City Council, the City Manager may direct the Chief of Police to use surveillance equipment for law enforcement and prevention purposes. Personnel using surveillance equipment will follow all requirements of Federal and State laws regulating use of such equipment.
- B. Employees will use the following guidelines:
- Obtain authorization from the Chief of Police or his designee to the equipment.
 - Prior to using equipment, personnel will complete necessary training to insure proper use and care of equipment.
 - Personnel using equipment will provide security, maintenance, and storage of equipment to ensure that it is not compromised, damaged or stolen.
 - Under no circumstances will equipment be used for other than official purposes consistent with this policy.

IV. Eligible Sites

- A. Site locations may include city parks, public parking street lots, and other locations permitted by law and as authorized by the Chief of Police or his designee.

V. Site Selection Criteria

- A. Site selection will be based on historical data and current needs. Selection criteria will include:
- Severity and frequency of calls for service and reported crimes
 - Permanent versus temporary nature of problems
 - Potential effectiveness of this program versus the use of alternative deterrent solutions.
 - Input from other Departments within the City
 - Input from general public or citizen's groups.

VI. Posting Sites

- A. Fixed equipment location signs will be posted to inform citizens that surveillance equipment is in use. Signs should be posted at prominent locations in public areas so as to deter undesirable or criminal activity and to inform the public that surveillance equipment is in use. Example: "Notice- For your protection this area may be monitored by electronic surveillance equipment".
- B. Mobile site locations will not be posted. Mobile equipment will mainly be used to gather evidence of specific crime problems which may not occur in the fixed site locations. Identification and apprehension of suspects is the primary intended application for this equipment.

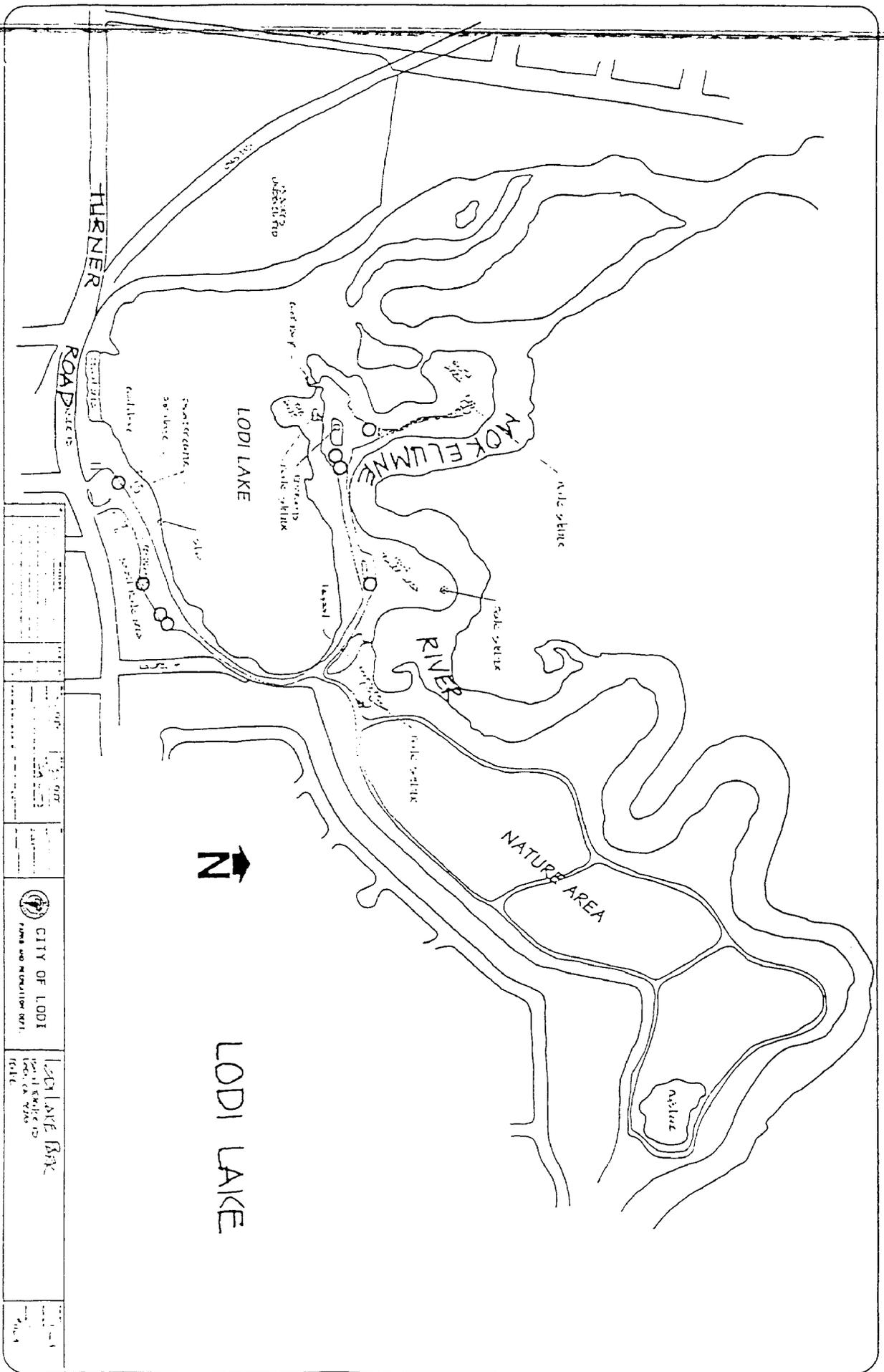
VII. Program Evaluation

- A. Evaluation of fixed site locations should be based on, but not limited to the following:
- Increase/decrease in crime or calls for service.
 - Increase/decrease in citizen complaints.
 - Increase/decrease in traffic related incidents.
 - Other circumstances that contribute to ongoing or reoccurring problems.
- B. Evaluation of mobile site locations may be based on, but not limited to the following:
- Temporary or occasional problem areas requiring short term surveillance.

-
- Individual case needs as determined by the Chief of Police or his designees.

VIII. Monitoring Site

- A. The monitoring site for all fixed site locations will be located in the Dispatch Center at the Lodi Police Department.



HALL 1-2-1971

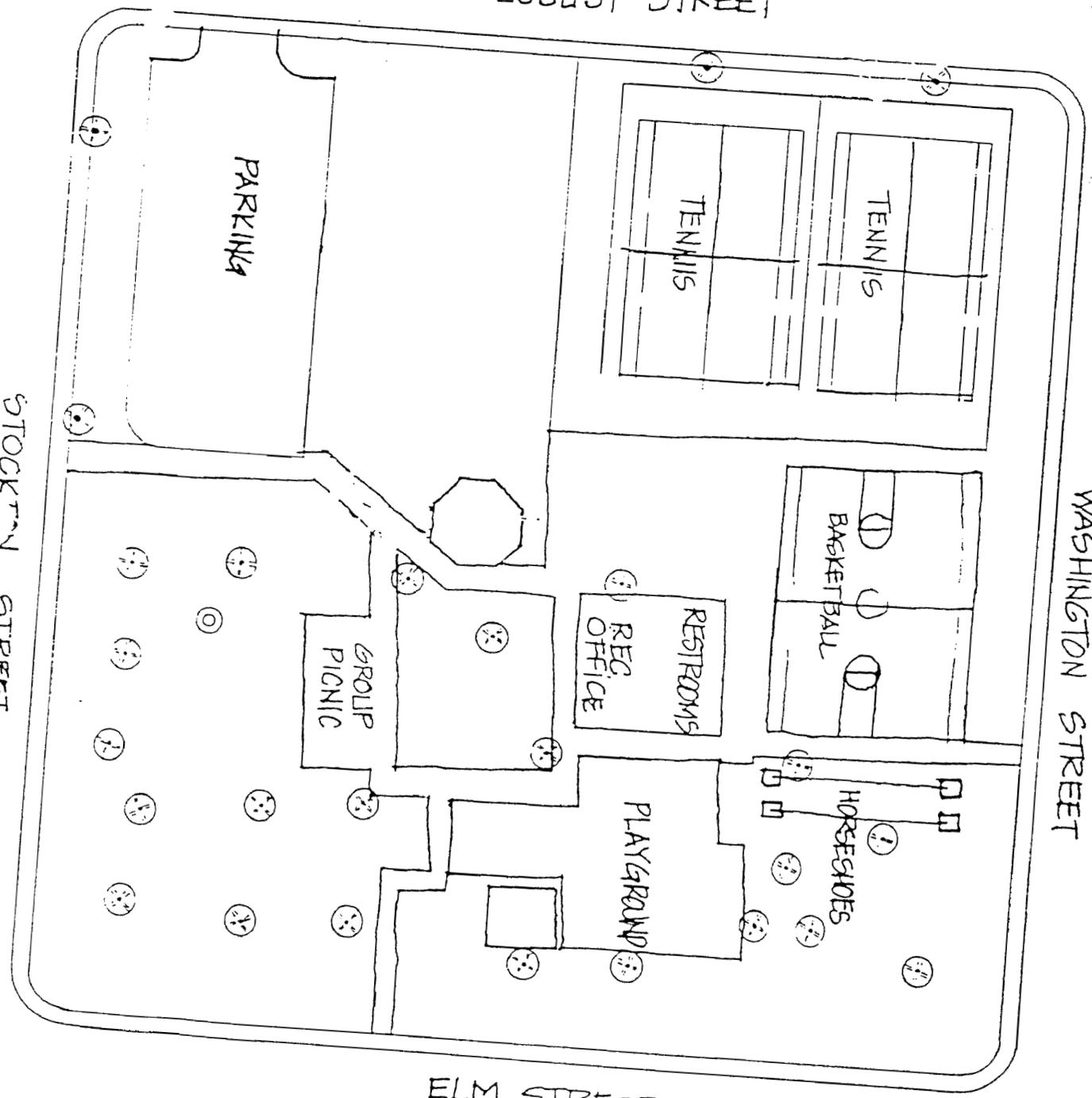
BOARDS

LOCUST STREET

WASHINGTON STREET

ELM STREET

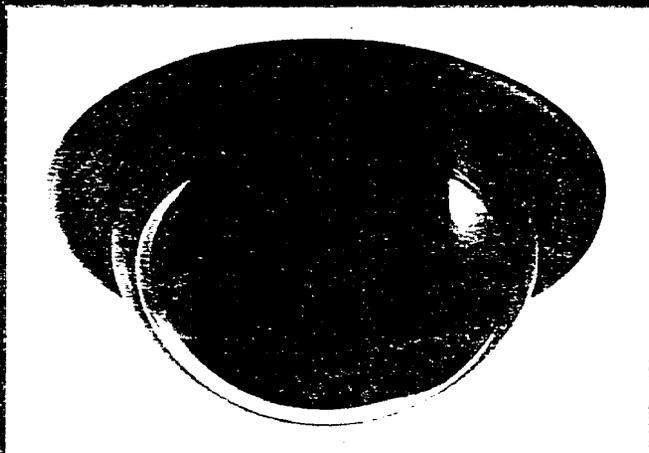
STOCKTON STREET



11-89

High Speed Video Surveillance System

CyberDome™



KALATEL

CyberDome™... High Speed

Ready to Install—High Resolution Camera, 12x Auto-Focus

You won't find anything easier...

- Small 8" Diameter Dome

- Variable Speeds up to 400° per Second

- High Resolution Camera: 2500 Lines
Black and White

- 12X-24X Zoom Lens

- Auto/Manual Focus

- 64 Preset Positions

- Preset Tilt

- 16 Zone Tilt

- 360° Continuous Pan

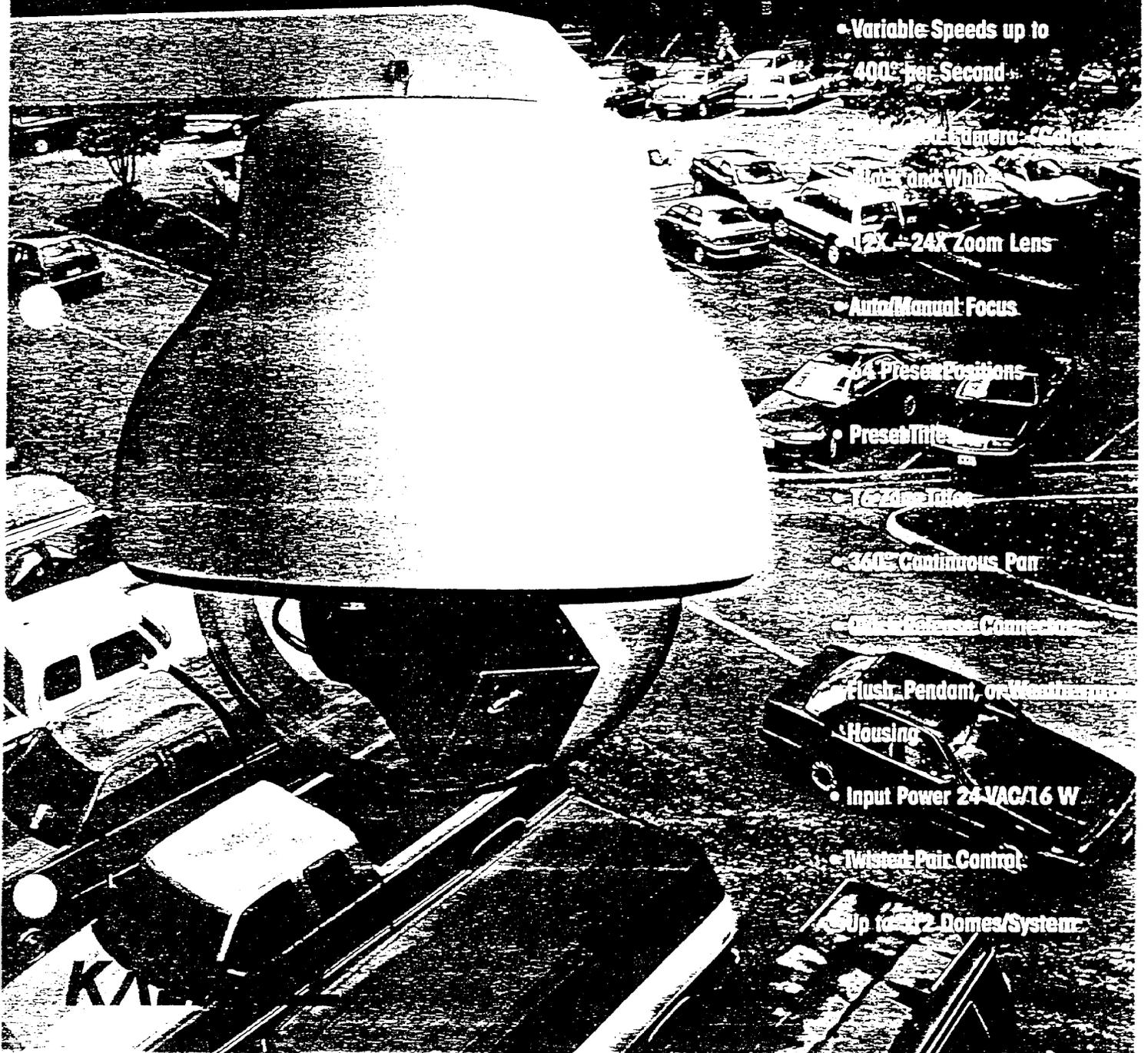
- Quick Release Connector

- Flush, Pendant, or Weatherproof
Housing

- Input Power 24 VAC/16 W

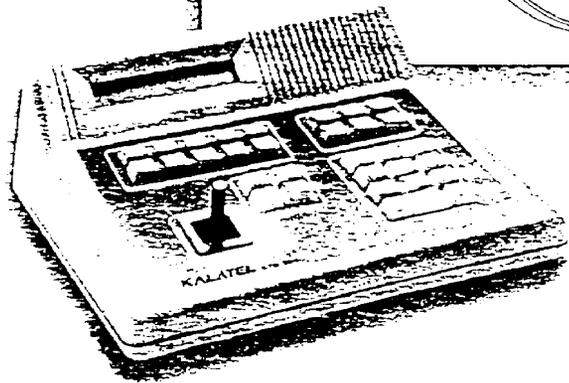
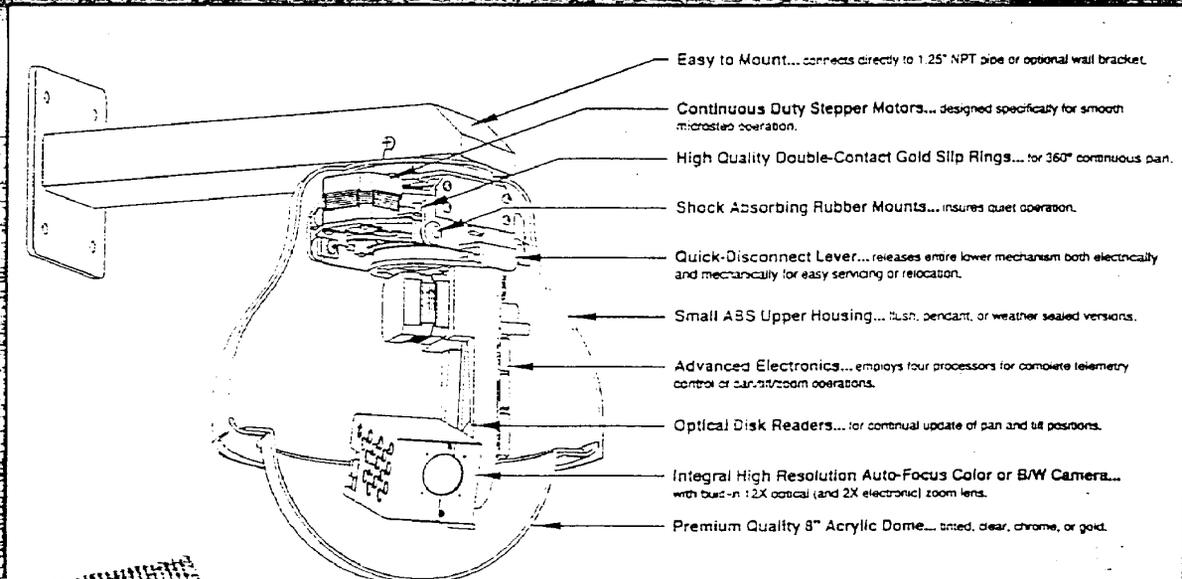
- Twisted Pair Control

- Up to 32 Domes/System



Video Surveillance System

Zoom Lens, 360° Pan/Tilt Mechanism, and Receiver Driver.



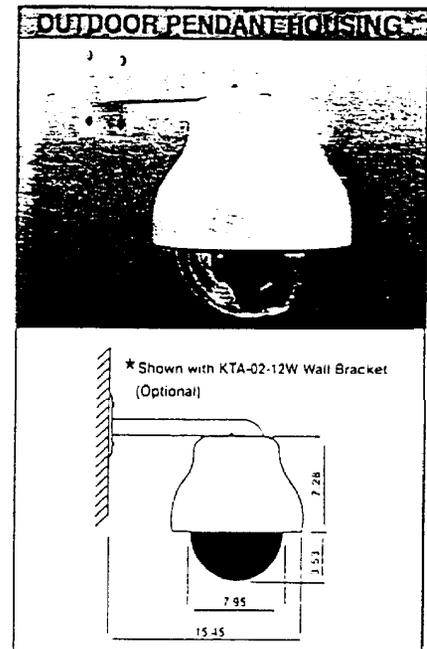
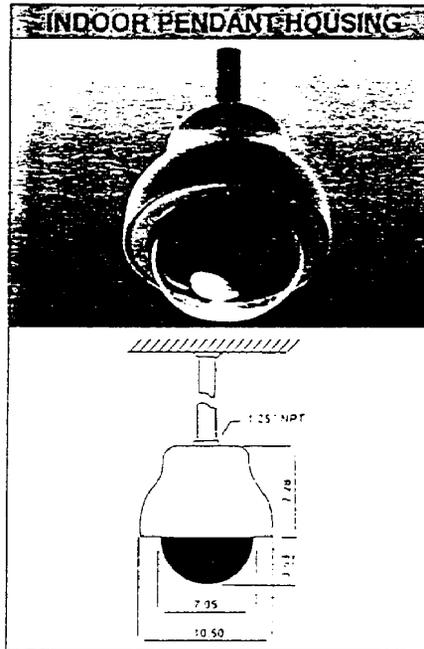
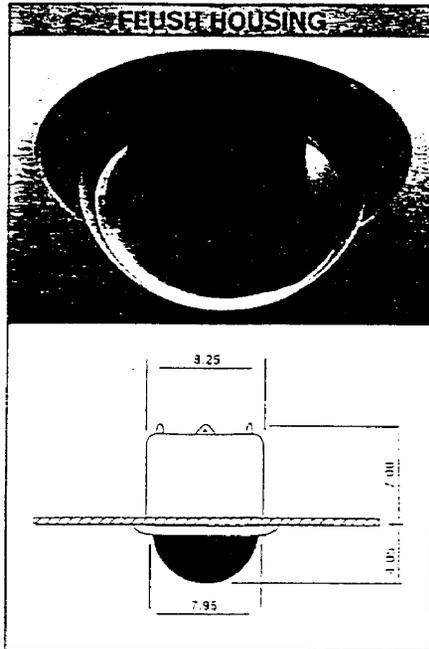
CyberDome — What better way to describe the "smartest" development in discreet surveillance today. Computer controlled motors quietly move the CyberDome's high performance camera at speeds of up to 400 degrees per second when seeking a preset or at variable speed when tracking a target during manual operation. Should the target pass directly under the CyberDome, the camera will spin around 180 degrees and continue to follow its movement. With a reliable auto-focus circuit and a unique lens which combines 12X optical zoom with 2X electronic zoom, the CyberDome presents a clear view of the target through its full 24X

zoom range. Optical disk readers keep track of the camera's position and high quality gold slip rings allow it to pan 360 degrees. Field programmable titles for presets and zones help identify where the camera is looking.

What makes the CyberDome even more appealing is its small size and no-nonsense design. It's an installer's dream, featuring an uncomplicated pan/tilt drive, an easy-to-release quick disconnect, plug-and-snap circuit cards, and an easy-to-install housing. And its attractive shape allows it to blend in with virtually any decor.

KALATEL

CyberDome



Mounting Accessories/Options

KTA-00-8	24\"/>
KTA-01-8	Ceiling Ring - for mounting in non-removable false ceiling
KTA-02-12B	Indoor Wall Mount - black bracket for indoor pendant housing
KTA-02-12W	Outdoor Wall Mount - white bracket for outdoor pendant housing

KTA-06-12	Corner Mount Adapter - adapts KTA-02-12 for corner mounting applications
KTA-07-12	Pole Mount Bracket - adapts KTA-02-12 for mounting on pole
KTA-09-12	Roof Mount Bracket - ringed bracket adapts KTA-02-12 for mounting on roof parapet
E Option	Weather Fin - 50\"/>

Specifications

Electrical	
Input Voltage	24 VAC, 50-60 Hz
Power	16 VA (70 VA with E Option)
Control Signal	RS422
Video Output	Composite, 1 Video
Connectors	
Video	BNC
Power & Control	Terminal Strip
Mechanical	
Weight	4.90 lbs
Dimensions	See Illustrations
Construction	
Pan/Tilt	0.125\"/>
Flush Housing	0.125\"/>
Pendant Housing	0.187\"/>
Dome	0.060\"/>
Finish	
Pan/Tilt	Black Anodized
Indoor Housing	Black
Outdoor Housing	Black Interior, White Exterior
Camera	Black
Dome	Clear, Tinted, Chroma Mirrored, Gold Mirrored

Operational	
Pan Travel	360°
Tilt Travel	90°
Manual Speed	1-80° per second, Variable
Preset Speed	Up to 400° per second
Preset Seek Time	Less than 2 seconds
Light Loss	Tinted Dome = 1 F-stop, Mirrored Dome = 2 F-stops
Camera	
Signal Format	NTSC or PAL
Scanning System	2:1 Interlace
Horizontal Frequency	15.734kHz NTSC, 15.625kHz PAL
Vertical Frequency	59.94 NTSC, 50Hz PAL
Image Sensor	1/4\"/>
Lens	F1.6f = 4-43mm, 12X Zoom, Auto Focus
Angle of View	H, 47° (wide) - 4° (tele)
Focus Lens	Inf. - 0.01m (wide) - 1.0m (tele)
Synchronization	Internal, Line-lock
Horizontal Resolution	450 TV Lines Color, 380 TV Lines Monochrome
Luminance S/N	More than 45dB
Sensitivity	10 Lux Color, 1 Lux Monochrome
Usable Sensitivity	3 Lux Color, 0.2 Lux Monochrome
Video Output	Composite, 1 Video

KALATEL
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1-800-343-3358

PO Box 3004, Corvallis OR 97339
728 Wake Robin Corvallis, OR 97333
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Match



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Citizen's Option for Public Safety Program (COPS) Legislation

DATE: September 24, 1996

REVISED

PREPARED BY: LARRY D. HANSEN, CHIEF OF POLICE

RECOMMENDED ACTION: It is recommended that the City Council authorize the Chief of Police to expend \$126,757 in State funds to support "Front Line" police services.

BACKGROUND INFORMATION: AB 3229, Section 1, Sub-paragraph a, states, "The Legislature hereby finds and declares that there is a compelling need for additional resources to be applied at the local level for the purpose of insuring public safety."

This legislation also dictates that the City Council shall appropriate existing and anticipated moneys exclusively to fund front line municipal police services in accordance with written requests submitted by the Chief of Police.

It should be noted that this legislation provides for front line law enforcement services including anti-gang and community oriented policing programs.

The City of Lodi and Lodi Police Department have been very fortunate in the past 18 months and have received notification for funding on the following four grants:

Federal Universal Hiring Grant

This Grant authorizes the City to hire six additional Police Officers and will provide Federal funds over a three-year period totaling \$450,000.

Public Safety and Community Policing Grant

This Grant provides \$368,305 for a one-time expenditure for lap tops and computer terminals for the patrol cars.

Federal Law Enforcement Block Grant totals \$104,057

This Grant provides funding for a variety of law enforcement purposes and it is my intent to use these funds for future technology that have not been identified at this point.

State of California COPS (Citizen's Option for Public Safety) Program - \$126,757

This money provides funds for local law enforcement to support front line police services.

The total of Federal and State funds is \$1,049,119.

The Federal Universal Hiring Grant provides funds that will be distributed to the City of Lodi over a three-year period. The breakdown of City Match and Federal funding is as follows:

APPROVED: _____

H. Dixon Flynn - City Manager

The City Match for each of the six police officer positions, over a three-year period, is as follows:

Year 1	\$ 9,536 x 6 = \$ 57,216
Year 2	\$29,535 x 6 = \$177,210
Year 3	\$34,535 x 6 = \$207,210

The breakdown of Federal funding for this grant is as follows:

Year 1	\$40,000 x 6 = \$240,000
Year 2	\$20,000 x 6 = \$120,000
Year 3	\$15,000 x 6 = \$ 90,000

The **Public Safety and Community Policing Grant** is a one-year Grant and it is not anticipated that additional funding will be provided through this grant for technology.

The funds from the **Federal Law Enforcement Block Grant** can be expended over a two-year period and it is **possible** that Lodi Police Department may receive funding in future years through this program.

The **State COPS Program** is based on legislation that could provide ongoing funding if the legislature authorizes a new appropriation on a yearly basis.

It is my recommendation that Council not use State COPS funds to fund additional personnel. This funding is brand new and although there are strong indicators that this could be an ongoing funding stream, I would advise caution at this time.

My budget focuses primarily on providing complete funding for six police officers by combining Federal and State funds and by providing some much needed equipment to support our front line police services. The City's cost for Police Officers in the first year is \$ -0-.

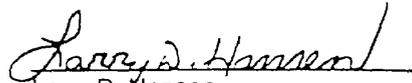
PROPOSED COPS BUDGET

1. Mobil Data Computer/Lap Top	\$32,000
2. Mobile Radio, lights and siren	\$ 5,142
3. Secure Net for portable radios	\$ 4,672
4. Body Wire Transmitter	\$ 1,038
5. Video Surveillance Equipment	\$30,000
6. Three new Bicycles and related equipment	\$ 4,500
7. Range equipment for training purposes	\$ 4,602
8. Preemption Traffic Emitters	\$13,387
9. Two non-lethal projectile launchers	\$ 3,000
10. Projectile launcher ammunition	\$ 500
11. Infrared detection system	\$10,000
12. One hand-held radar unit	\$ 2,700
13. Funding for Parks & Rec Youth and Anti-Gang	\$ 5,000
14. Funding for Eastside Improvement Committee	\$ 2,500
15. Funding for Gang Alternative Project (GAP)	\$ 2,500
16. Contingency	\$ 5,216

Citizen's Option for Public Safety Program (COPS) Legislation
September 24, 1996
Page Three

- **Mobil Data Computer/Lap Tops** for four Investigative Units. The Federal Grant which provides moneys for MDCs was limited to Patrol functions. These funds allow us to use this technology in Investigations.
- **Secure Net for portable radios** will insure that all investigators' portable radios will have a secure channel.
- **Body Wire Transmitter** will be used in undercover operations and will replace some defective equipment.
- **Video Surveillance Equipment** will be used to provide surveillance capabilities in high crime areas.
- **Three New Bicycles and Related Equipment** will replace the existing bicycles used for the Bicycle Unit and will enable us to use the old bicycles for Reserve Police Officers to expand our Bicycle Patrol Program. This also provides one new bicycle for Park Police.
- **The Range Equipment For Training Purposes** will enable us to provide more realistic training for our police officers in simulated training scenarios. This money will be used to purchase the necessary equipment.
- **Preemption Traffic Emitters** will be placed on each patrol unit to provide a safer response for Code 3 calls.
- **Two Non-Lethal Projectile Launchers and Ammunition** will provide us a non-lethal tool to use in volatile situations.
- **The Infrared Detection System** is a unit that will be installed in the Sergeant's patrol car to enhance our ability for locating suspects in fields, school yards, shopping centers, etc.
- **The Hand-held Radar Unit** will increase our ability to effectively reduce speed and have a greater impact on traffic accidents.
- **The funding for the Parks and Recreation project and two community based organizations** will be used to provide anti-gang and community policing strategies to support the police department's goals and objectives.

FUNDING: \$126,757 State Funds


Larry D. Hansen
Chief of Police

cc: City Attorney

PROPOSED COPS BUDGET

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16. Contingency	\$ 5,216

TOTAL

\$126,757

1996 PUBLIC SAFETY GRANTS

Federal Universal Hiring Grant

\$450,000

Public Safety and Community Policing Grant

\$368,305

Federal Law Enforcement Block Grant

\$104,057

State of California COPS (Citizen's Option for Public Safety) Program - \$126,757

The total of Federal and State funds is \$1,049,119.

RESOLUTION NO. 97-77

A RESOLUTION OF THE LODI CITY COUNCIL
AUTHORIZING THE PURCHASE OF POLICE SURVEILLANCE
CAMERA EQUIPMENT FOR CITY PARKS

WHEREAS, Lodi Municipal Code, §3.20.070, authorizes dispensing with bids for purchases of supplies, services or equipment when it is in the best interests of the City to do so; and

WHEREAS, for the past several months the Lodi Police Department has been evaluating a variety of surveillance equipment options to meet the needs of the community and the Department; and

WHEREAS, Alamo Alarms will donate as a community service, all profits, labor, installation and one year maintenance costs for this project, providing the City makes its initial purchase through their company at their cost; and

WHEREAS, it is staff recommendation that the City purchase the Police Surveillance Camera Equipment from a sole source vender for the following reasons: wholesale costs, free installation, free maintenance during warranty period, community based company, and outstanding past performance record with the City of Lodi; and

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Lodi does hereby approve the purchase of Police Surveillance Camera Equipment from a sole source vender, Alamo Alarms, of Lodi, CA in the amount of \$30,000.00.

Dated: June 18, 1997

I hereby certify that the foregoing is a true and correct copy of Resolution No. 97-77, which was duly and regularly passed and adopted by the City Council of the City of Lodi in a regular meeting held June 18, 1997 by the following vote:

AYES: Council Members -
NOES: Council Members -
ABSENT: Council Members -
ABSTAIN: Council Members -

ALICE M. REIMCHE
Acting City Clerk