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APPROVED  
BY THE CITY COUNCIL  
APR 21 1998

DEPARTMENT OF  
POLICE

CITY OF SACRAMENTO  
CALIFORNIA

OFFICE OF THE  
CITY CLERK  
HALL OF JUSTICE  
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SACRAMENTO, CA  
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ARTURO VENEGAS, JR.  
CHIEF OF POLICE

April 9, 1998  
Ref: 4-1

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City Council  
Sacramento, California

Honorable Members in Session:

**SUBJECT:** Driving Simulator System Program Contracts

**LOCATION AND COUNCIL DISTRICT:** City-wide, All districts

**RECOMMENDATION:**

It is recommended that the City Council adopt the attached resolution that

- ▶ authorizes the City Manager to enter into a contract accepting \$286,000 from the State of California Commission on Peace Officer Standards and Training (POST) to purchase a law enforcement driving simulator system and to implement a driving simulator training program. **AG 98-113040**
- ▶ authorizes the suspension of formal competitive bidding for the purchase of a driving simulator to meet the criteria established in the POST contract for the reimbursement to the Police Department
- ▶ authorizes the City Manager to enter into a contract with DORON Precision Systems, Inc. for the purchase and maintenance of the AMOS driving simulator system as specified in the POST contract. **AG 98-114041**

**CONTACT PERSON:** Captain Rickey Jones, Personnel Division  
(916) 264-7342

**FOR COUNCIL MEETING OF:** April 21, 1998

**SUMMARY:**

The Sacramento Police Department (SPD) requests approval to enter into a contract with POST to accept \$286,000 to fund the purchase of law enforcement driving simulator equipment. POST has conducted extensive research on driving simulators and has identified the Advanced Mobile Operations System (AMOS) manufactured by Doron Precision Systems as the optimal system for law enforcement needs. The SPD intends to purchase the AMOS system per POST's recommendation and is requesting that the City Council authorize the suspension of formal competitive bidding for the purchase of the AMOS system. The

City Council  
Re: POST Contract and DORON Contract  
April 2, 1998  
Page 2

Police Department also requests approval to enter into a contract with DORON for the purchase and maintenance of the AMOS system. The SPD proposes to use the simulator in its Basic Academy and Continuing Professional Training program as a tool to improve driver safety and reinforce decision making skills.

**BACKGROUND:**

The Sacramento Police Department has been selected by POST to participate in a driving simulator program for training peace officers. POST has conducted extensive research on law enforcement driving needs and driving simulator systems. POST specialists and POST Driving Simulator Committee members have evaluated a comprehensive range of driving simulator products currently available on the market. The Advanced Mobile Operations Simulators (AMOS) by Doron Precision Systems has been identified as the system that is best equipped to meet law enforcement driving needs. In selecting the Sacramento Police Department as a test site, POST requires that the Police Department purchase the specific driving simulator product that was selected by the Law Enforcement Driving Simulator committee. POST will fully reimburse the Department for the full purchase price of the equipment.

The AMOS driving simulator system features four training stations that simulate driving controls, instruments, and seating of typical police vehicles. Driving to real life, point-of-view scenarios using "Cinemascope" projection, trainees will be able to test their perceptual and reaction skills to traffic situations and various adverse roadway conditions. Computers will track their reaction times and competency level scores will be immediately available to an instructor who will have a work station.

Based on the reasons described above, staff recommends that the Council adopt the attached Resolution which suspends formal competitive bidding for the purchase of the AMOS driving simulator system.

The SPD's goal in acquiring a driving simulator system is to improve officers' judgement and decision making skills in emergency response situations, as well as in normal driving situations. An important aspect of this goal is to improve the judgment and decision-making skills of officers during pursuit situations, which include determining when it is appropriate to initiate and abandon a pursuit, and ensuring that officers are able to successfully perform the roles of primary and secondary units. Simulator training for supervisors will emphasize and reinforce the importance of proper supervisor monitoring and intervention during pursuits and high speed driving, stressing judgement and good decision making. Training on the simulators will also facilitate the Department's ongoing efforts to review and revise its pursuit and emergency driving procedures.

**FINANCIAL CONSIDERATIONS:**

The total cost of the simulator system is \$285,946.95. The City will be fully reimbursed for the purchase price of the AMOS driving simulator equipment.

City Council  
Re: POST Contract and DORON Contract  
April 2, 1998  
Page 3

**ENVIRONMENTAL CONSIDERATIONS:**

This proposal does not constitute a "project" and is therefore exempt from the California Environmental Quality Act according to CEQA guidelines, Section 15061(b)(1) and 15378(b)(3).

**POLICY CONSIDERATIONS:**

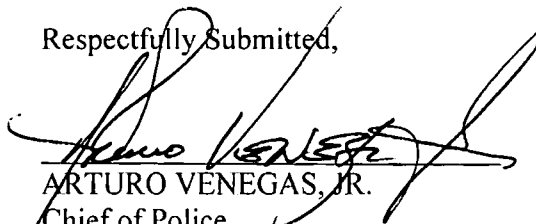
Entering into the contract with POST will allow the Police Department to purchase a law enforcement driving simulator at no cost to the City. POST has conducted extensive research to identify the unit best equipped to meet the needs of law enforcement agencies. The SPD proposes to use the simulator in its Basic Academy and Continuing Professional Training program as a tool to improve driver safety and reinforce decision making skills for both officers and supervisors.

This recommendation is in accordance with the provisions of City Code Section 57.04.401 (c), which authorizes suspension of formal competitive bidding upon a two-thirds vote of the City Council. The purchase of an AMOS driving simulator system will be a tool to improve driver safety and reinforce decision making skills for both officers and supervisors.

**MBW/WBE:**

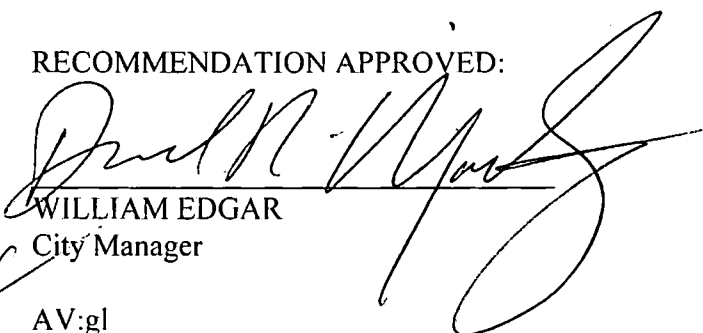
Doron Precision Systems is not a minority/women business enterprise. POST 's Driving Simulator Committee considered all vendors who manufacture driving simulators. It was not determined if any of these companies were minority or women owned.

Respectfully Submitted,



ARTURO VENEGAS, JR.  
Chief of Police

RECOMMENDATION APPROVED:



WILLIAM EDGAR  
City Manager

AV:gl  
Attachments

**RESOLUTION NO. 98-137**

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF \_\_\_\_\_

**APPROVED**  
BY THE CITY COUNCIL

**APR 21 1998**

OFFICE OF THE  
CITY CLERK

RESOLUTION AUTHORIZING THE CITY MANAGER TO SIGN  
A CONTRACT WITH THE CALIFORNIA COMMISSION ON  
PEACE OFFICE TRAINING TO ACCEPT \$286,000;  
AND TO SUSPEND FORMAL COMPETITIVE BIDDING  
FOR THE PURCHASE OF A DRIVING SIMULATOR SYSTEM;  
AND SIGN A CONTRACT WITH DORON PRECISION SYSTEMS  
FOR THE PURCHASE OF A DRIVING SIMULATOR SYSTEM

WHEREAS the City of Sacramento desires to improve officers' judgement and decision making skills in emergency response situations, as well as in normal driving situations, and

WHEREAS the California Commission on Peace Officers Standards and Training (POST) has researched law enforcement driving training needs and has identified the Advanced Mobile Operations System (AMOS) as the optimal driving simulator system, and

WHEREAS POST will authorize payment for actual costs of up to \$286,000 for the purchase and installation of the AMOS system from DORON Precision Systems, and

WHEREAS the driving simulator system will allow the Police Department to implement a driving simulator training program to its police officers and recruit trainees through their Basic Academy, Extended Academy, and Continuing Professional Training programs, and

WHEREAS the driving system will also facilitate the Police Department's on-going efforts to review and revise its pursuit and emergency driving procedures;

NOW THEREFORE, be it resolved by the City Council of the City of Sacramento that:

1. The City Manager, or a designated representative is hereby authorized to execute a contract agreement on behalf of the City of Sacramento, with the California Commission on Peace Officers Standards and Training, in the amount of

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RESOLUTION NO.: \_\_\_\_\_

DATE ADOPTED: \_\_\_\_\_

\$286,000, including any extensions or amendments thereof; and

2. In the best interests of the City of Sacramento, formal competitive bidding is hereby suspended for the purchase of Doron Precision Systems' Advanced Mobile Operations Systems; and
3. The City Manager, or a designated representative is hereby authorized to execute a contract agreement on behalf of the City of Sacramento, with DORON Precision Systems, Inc. including any extensions or amendments thereof; and
4. The City Manager is hereby authorized to issue the necessary purchase order to DORON Precision Systems, Inc., for current requirements consisting of the installation of the Advanced Mobile Operations Systems driving simulator system.

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DATE ADOPTED: \_\_\_\_\_

5