

FILED
OFFICE OF THE CITY CLERK
OAKLAND

2010 JAN 28 PM 6:57

CITY OF OAKLAND

AGENDA REPORT

TO: Office of the City Administrator
ATTN: Dan Lindheim
FROM: Gerald A. Simon, Fire Chief
DATE: February 2, 2010

RE: **Supplemental Report to Resolution 1) Dispensing With Advertising and Authorizing a Limited Competitive Bid Process, and 2) Awarding a Contract to Doron Precision Systems, Inc. for the Purchase and Installation of a Driving Simulator and Training, Equipment, and Supplies Associated With Implementation of the Driver's Training Program in an Amount Not to Exceed Seven Hundred Fifty Thousand Dollars (\$750,000) Which Meets the Requirements of the 2008 Assistance to Firefighters Grant For Enhancements to the City of Oakland Fire Department Driver's Training Program**

SUMMARY

This is a supplemental report at the request of the Public Safety Committee detailing the selection process for the purchase and implementation of a driving simulator and the justification for requesting that the advertising requirement of the competitive bid process be waived.

KEY ISSUES AND IMPACTS

Staff requested and received bids from Doron Precision Systems, Inc. (Doron) in the amount of \$694,148.00, FAAC for \$729,973.00 and MPRI for \$685,700.00. The team reviewed the proposals in comparison to the minimum specifications and determined that Doron could best meet the needs of OFD in the most cost efficient manner. The Fire Truck Driving Simulator Comparison (*Attachment A*) summarizes the proposals.

The review criteria for selection of a driving simulator included: 1) ability to provide maintenance and service; 2) ability to address regional training goals which includes training for other departments; 3) realism of modules, user friendliness of software; and 4) ability to train multiple staff simultaneously. In reviewing the proposals and testing the products, the team concluded that while all the companies have similar standard features, the Doron simulator offered the most comprehensive and realistic software programming. For example, OFD uses a tiller position (person who steers the rear of a fire truck) on its trucks and training for this position is essential. MPRI did not offer a tiller training module and FAAC's program was inferior to Doron in terms of how closely it resembles the actual driving experience on OFD vehicles. 3 of the 4 members of the evaluation team are individuals who have actual experience driving OFD apparatus in emergency situations. Furthermore, Doron was the only company to offer 4 simulator modules in their quote. FAAC offered 3 and MPRI offered 2.

Item: _____
City Council
February 2, 2010

Because of the complexity of operating a tillered truck, it is imperative that the team assigned trains simultaneously to ensure efficiency and effectiveness and reduce the risks of accidents and personal injury during emergency responses. Accordingly, OFD trains the entire crew, which is a minimum of 4 at the same time in all of its training programs.

The evaluation clearly demonstrates that the Doron product best meets OFD needs. Therefore, the team of subject matter experts highly recommends purchasing the Doron Product, which is only \$8,448.00 more than the low bid of \$685,700.00 which was submitted by MPRI and did not meet the minimum specifications.

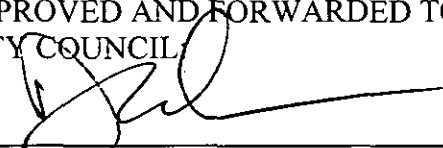
Respectfully submitted,

For DC Mack Hoffman

Gerald A. Simon
Fire Chief

Prepared by:
Nina S. Morris, Assistant to the Director
Office of the Fire Chief

APPROVED AND FORWARDED TO THE
CITY COUNCIL



Office of the City Administrator

Item: _____
City Council
February 2, 2010

FIRE TRUCK DRIVING SIMULATOR COMPARISON

Company	Doron	FAAC	MPRI
Full Size Cab Enclosure (full front, ceiling and side walls with window cutouts)	YES	YES	NO
Two self contained air ride adjustable seats (drivers and captains)	YES	NO	NO
Full size functional Center Control Console for Emergency Lighting, Sirens and two way radio communication	YES	YES	NO
Number of Simulator Modules included in quote	4	3	2
Number of chairs in each simulator module (2 chairs indicates captain's seat)	2	1	1
Number of different vehicle simulations included in quote	78	16	16
240 Degree Field-of-View with fully adjustable Flat and Convex Mirror Images	YES	NO	NO
Standard ventilation in cab and operational cooling fan in full size cabin	YES	YES	YES
Functional code 3 light bar on mounted on full size cab enclosure	YES	NO	NO
Full time service technician located in California	CA	CA	NO
Parts and labor warranty (in years)	3	3	1
TextAloud™ (Digital Voice Scenario Instruction)	YES	NO	NO
Realistic sun glare that changes with time and weather conditions.	YES	YES	YES
Unique Modular Driving Positions	YES	YES	NO
Full size driving position that can be used for tiller training	YES	NO	NO
Delivered driving simulators to over 20 major fire departments in the last 24 months	YES	NO	NO
Provides a reaction distance evaluation system	YES	NO	NO