Lopez, Solanch

From: Rodulfo, Raimundo
Sent: Friday, October 1, 2021 12:07 PM
To: Lopez, Solanch
Subject: Re: Bid Waiver - Virtra Training Simulator

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Solanch,

I reviewed this solution with Nelson and we both found it very impressive.

We reviewed the technical and functional specs and watched some of the videos online (https://www.virtra.com/simulator/law-enforcement-v-300/ , https://www.youtube.com/watch?v=7eVPtPIKi-8) and found it robust and very impressive from a "mixed reality" (XR) application and "immersive experience" technology standpoint.

This company has been doing R&D in this space of applied-XR for public safety during multiple years (earlier versions of their VR products have been released 10+ years ago), and they have developed a mature line of products that has been evolving with technology over the years. The graphics resolution and responsiveness of their simulations are impressive, as well as the content they have developed for the Police scenarios.

Some of the same considerations in product features, innovative design and competitive advantages that are used to evaluate new products in the gaming technology industry apply to niche products like this training simulator, e.g.: GPU speed/capacity, graphics resolution/quality, virtual reality and human perception, rich content creation, human-computer interfaces, immersive experience, latency/responsiveness, etc. This particular product seems to check all the boxes, based on the available materials, customer testimonials from several LE agencies, and the thorough evaluation done by CGPD.

“Virtra V-300LE 4K Simulator enhances officer knowledge, skills, and confidence in a safe, challenging training environment that is highly interactive and engaging. Virtra's V-300LE 4K was the world's first 300-degree law enforcement reality-based situational training simulator that continues to advance training and remains the highest standard of LE training. This intense, immersive training environment takes into account every detail from the smallest pre-attack indicators to the most cognitive overload stimuli situations imaginable. This judgmental use of force and decision-making training simulator is designed to teach, test and sustain trainees and seasoned officer's knowledge and skills.”

We also reviewed case studies of other similar solutions in the industry, and this one (Virtra V-300LE) seems to have similar or more advanced capabilities and the competitive advantage of the 300-degree immersive scenarios and officer/user experience.

I concur with Police's evaluation, from an IT standpoint.

Thank you,

Raimundo

Raimundo Rodulfo, P.E.
P.E., MSEM, SMIEEE, ITIL, PCIP, PMP, CSSBB
Director of Information Technology / Chief Innovation Officer
City of Coral Gables

P: (305) 461-6725
M: (305) 733-0315
E: rrodulfo@coralgables.com
W: www.coralgables.com/IT
D: www.coralgables.com/ITDocs
A: 2151 Salzedo St., Coral Gables, FL 33134

From: Lopez, Solanch <slopez@coralgables.com>
Sent: Thursday, September 30, 2021 2:06 PM
To: Rodulfo, Raimundo <rrodulfo@coralgables.com>
Subject: FW: Bid Waiver - Virtra Training Simulator

Good afternoon Raimundo,

As per the Manager, please see attached for your review and feedback on the simulator. Thank you.

Sincerely,

Solanch Lopez, MSM
Assistant to the City Manager
City Manager's Office
405 Biltmore Way
Coral Gables, FL 33134
305-569-1835
slopez@coralgables.com
CoralGables.com

From: Dantin, Rebeca <rdantin@coralgables.com>
Sent: Tuesday, September 28, 2021 2:13 PM
To: Lopez, Solanch <slopez@coralgables.com>
Subject: Bid Waiver - Virtra Training Simulator

Good afternoon Solanch,

Please see attached Bid Waiver form for the Manager's review and signature.

If you have any questions or need any additional information do not hesitate to call me.

Regards,

Rebeca Dantin
Senior Administrative Assistant
Office of the Chief of Police
Office - 305.460.5418