REQUEST FOR PROPOSALS NO. PS20191072

AI FOR VANCOUVER POLICE DEPARTMENT FORENSIC VIDEO UNIT

QUESTIONS AND ANSWERS NO. 3

ISSUED ON NOVEMBER 6, 2019

Q1	Please elaborate on the current video processing techniques/video clarification methods leveraged by investigators such as frame averaging, damaged media repair, script based editing, colour correction, stabilization, resizing, highlighting, or masking, etc.
A1	The video processing techniques mentioned are performed by Forensic Video Analysts. The investigators use a variety of software to manipulate source images and videos, ranging from readily-available consumer-grade products, such as Adobe Photoshop and Premiere, to applications specifically designed for forensic video purposes. While requirement 6.12 speaks to the need for a redaction feature (i.e. blurring or masking), it is not a requirement for the proposed solution to otherwise improve or manipulate source material, unless the proposed solution were to include such abilities in order to yield better results during analysis. The main focus of the proposed solution is to reduce investigative review effort through the automated analysis of evidence, not to manipulate source materials.
Q2	What is the expected maximum number of concurrent/simultaneous search usage for the software system? For example, will only one user execute one search (detect and match suspect) one time? Or will multiple searches for different suspects with different data sets be executed at the same time on the proposed solution?
A2	It is anticipated that 8 to 10 users will perform concurrent/simultaneous searches (e.g. detection and matching of suspects) under the proposed solution. It would be desirable if the proposed solution could allow each user to execute multiple searches – for different suspects, using different datasets – at the same time.