

IT and data specialist in policing

Given the expansion of *perivale + taylor*, the following project-based, periodic contract positions are available. In summary:

- A. Experience with, and the ability to review and assess and recommend enhancements, in the deployment of information technology specific to policing and public safety, and an understanding of the way that IT is deployed operationally and administratively to support the mission of the police
- B. A thorough understanding of policing methodology, which will inform the ability to request key data extracts from CAD, RMS and other systems, and be able to draw salient conclusions as to efficiency and effectiveness of policing from the deep analysis of this data

A and B can be joint or different contractual positions.

A. A broad knowledge of police related ICT in general

- Experience with the deployment of information technology specific to policing and public safety, and an understanding of the way that IT is deployed operationally and administratively to support the mission of the police. Typically, this will include knowledge of computer-assisted dispatch (CAD) and records management systems (RMS).
- Be familiar with incident management within policing (e.g. calls for service are initiated through 911 or through other means; are dispatched; police attend and conclude the incident or queue it for additional follow-up). This could broadly be described as the “police incident lifecycle”.
- Additionally, should understand the technology behind radio communications systems (including wireless data systems) which are used to support police operations and communicate with police officers in the field.
- Knowledge of IT based equipment, security, cyber risks, and security policies in the context of policing and potential for the development and strategic use of IT based processes and equipment.

B. The ability to capture and analyze police operational and management data

- A thorough understanding of policing methodology, which will inform the ability to request key data extracts from CAD, RMS and other systems, and be able to draw salient conclusions as to efficiency and effectiveness of policing from the deep analysis of this data. The effectiveness of this work is usually dependent upon a strong knowledge of how police work, and how police incidents are investigated, reported and followed up.
- This is technical work, and it will require strong knowledge of databases, data conversion, import/export, data analysis processes, statistics, reporting and graphing tools and the ability to develop custom code and processes to accomplish the analytical objectives.
- Tools currently in use include sed, awk, MySQL, gnuplot, R, occasional C, and (to an incidental extent) MS Excel.

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