**US Department of Justice**

**Edward Byrne Memorial**

**Justice Assistance Grant (JAG) Program**

**Application and Proposal**

**FY 2014 Local Solicitation**

**West Jordan Police Department, West Jordan Utah**

**$38,491.00**

**“PRECISE PERFORMANCE”**

**FY 2014 BJA Justice Assistance Grant**

**Abstract**

**NAME: West Jordan City**

**TITLE OF PROJECT: Precise Performance**

The city of West Jordan and its police department serve a population of just over 110,000 residents. Our goal, with the help of this grant, is to vastly improve the capabilities of the officers and forensic personnel of the West Jordan Police Department to precisely document and record crime scenes by obtaining a 3-dimensional laser scanner. The proposed scanner will allow us to document a crime scene 330 meters long with the accuracy of +/- two millimeters. Crime scene charts will be combined with digital photography that will allow precise measurements of all objects within a 3-dimensional visual image.

**PROJECT IDENTIFIERS:**

* Forensic Equipment
* Homicide
* Sexual Assault
* Violent Crime
* Traffic Enforcement/Accident Investigation

**Program Narrative**

The West Jordan Police Department understands how crucial it is to accurately record information in written reports and with precise crime scene documentation. It is not uncommon for prosecuting or defense attorneys to reconstruct a crime/accident scene, or to make critical mathematical and other calculations using the measurements and drawings made by police of the original scene.

Traditionally the documentation of crime scenes involves a lengthy process of photographing and then manually diagramming the scenes with a series of markers and measurements taken from a chosen point. This process is time consuming and subject to human errors which can result in speculative accuracy. These diagrams are done indoors; such as at homicide scenes, and outdoors; such as at serious or fatal traffic accidents. Indoor and outdoor crime scenes are completely different in scale and in pertinent facts, and yet they both demand precise documentation; the more precise and comprehensive the better.

The proposed 3-dimensional laser scanner will enable us to make a visual reference combined with measurement data at an unprecedented level of accuracy and scope. This can be invaluable when other facts become germane to the case after the crime scene has been vacated, and perhaps even altered or destroyed. Scanned data will be a permanent record allowing any point in the scan to be measured and viewed as it relates to any other point in the scan. The scanner will enable us to document crime scenes more completely, more precisely and so much quicker than ever before.

**Budget and Budget Narrative**

**Equipment**

1. **FARO Focus 3D-X330 laser scanner:** $57,990.00
   1. West Jordan City Funding $19,499.00
   2. 2014 JAG grant funding $38,491.00

**Total costs to the 2014 Edward Byrne Memorial JAG grant: $38,491.00**

The West Jordan Police Department is committed to enhancing our forensic capabilities with the purchase of a FARO Focus 3D-X330 laser scanner. As outlined above, West Jordan will fund the balance of costs for the scanner which is not covered by the amount allocated by the 2014 JAG grant. Additional costs for associated equipment and training for this scanner will be paid for by the city of West Jordan as well.

**Review Narrative**

West Jordan Police department wishes to purchase a FARO Focus 3D-X330 laser scanner for crime scene documentation with the help of the Edward Byrne Memorial JAG program grant.

The City of West Jordan will publish the Fiscal Year 2014 JAG application on its web site and it will be posted at city hall on or before June 9, 2014, making it available to the public and members of the City Council. The Fiscal Year 2014 JAG application will be on the agenda for the West Jordan City Council meeting on July 9, 2014, when citizens will be given opportunity to make comments. A verification notice of the completion of the 30 day period necessary for review by the governing body and public hearing will be sent to the program manager.

The City of West Jordan and the West Jordan Police Department will use the funds from this award independent of any other awards and or grants, such as previous JAG grants.