



Nevada Department of Transportation

Business Intelligence Implementation Project

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Presented by

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Agenda

- **Strategic Data Plan (SDP) Goals and Objectives**
- **Business Intelligence (BI) Goals and Objectives**
- **Implementation Partnership with UNLV**
 - **Selection Process**
 - **Cost Comparisons vs. Outside Vendors**
- **Business Intelligence Funding**

SDP Goals and Objectives

- **Optimize the integration of existing NDOT business data systems**
- **Streamline data storage and man-hours by identifying and eliminating duplicate data sets**
- **Work to become a more GIS centered organization**
- **Establish appropriate data security and documentation protocols**
- **Become more transparent and responsive to internal and external interests**

BI Goals and Objectives

- **Current Environment**
 - Siloed data
 - Poor integration with GIS and CAD data
 - Multiple reporting tools and standards
- **Project Goals**
 - Migrate existing BI tools (discoverer) to current BI platform
 - Better Integration with NDOT's GIS data
 - Implement an enterprise data warehouse to create a single source of the truth
 - Create self service portals for each division

Implementation Partnership

Continued

- **Selection Process**
 - **Request for Information (RFI) February 2013**
 - **Evaluated responses and conducted Vendor Demonstrations May 2013**
 - **Approached by UNLV June 2013**
 - **UNLV response to the RFI and demonstration received July 2013**
 - **Decision was made to proceed with UNLV August 2013**

Implementation Partnership

- Extensive experience working with our data
- Money stays in the State
- Helps build a BI knowledge base
- Potential for local high tech employment
- Focused on delivering a quality project rather than profit

Implementation Partnership

Continued

- **Cost Comparisons vs. Outside Vendors**
 - Oracle's initial estimate \$5.98M
 - 3 best responses to the RFI \$5.98M, \$5.55M, and \$4.59M
 - UNLV's cost proposal \$4.75M has \$1,485,000 (31%) budgeted for a subcontractor ADV Solutions from Henderson, NV

Funding

- Estimated Implementation Cost \$4,749,000.00
 - \$1,368,000.00 for FY2014
 - \$1,353,000.00 for FY2015
 - \$1,411,000.00 for FY2016
 - \$617,000.00 for FY2017
- Funded with 66% state match and 34% Federal reimbursement through SPR funds
- Qualifies for up to 80% federal reimbursement and SPR funds will be used if available