



DENVER
THE MILE HIGH CITY

Technology Service Committee Meeting

BIAS & Oracle New Contract

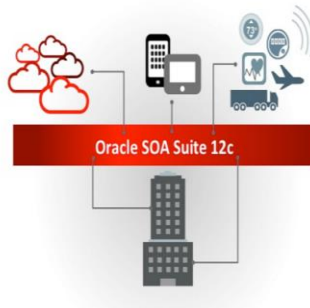
- Amount: \$6,122,680
- Term: 5 years, 2/1/17-2/1/22
- Purpose: Licensing and maintenance for City use of Oracle database, identity management, middleware, and business intelligence software.



Electronic Funds Transfer

BUILDING PERMIT

ORACLE
SOA Suite



ORACLE
IDENTITY MANAGEMENT



ORACLE

ORACLE

PEOPLESOFT

Peoplesoft Financials
Peoplesoft CRM
Peoplesoft Human Resources



ORACLE
BUSINESS INTELLIGENCE

ORACLE
DATABASE

Police Record Management System
Sheriff Jail Management System
Accela
Geographical Information Systems (GIS)
Denver Human Services
Interactive Voice Recognition (IVR)
Data Warehouse(s)
Office of Safety Information
Kronos

Payment breakout

2015	\$1M
2016	\$1M
2017	\$3.9M
2018	\$919K
2019	\$258K
2020	\$258K
2021	\$258K

Funding

- TS will absorb 2017 cost
- Funding will come from:
 - SRA \$2,000,000
 - Operating \$2,000,000
 - Currently budgeted \$1,000,000

Updated Licensing Controls

- 1. Create a policy that defines “authority to operate” with regard to provisioning and decommissioning servers and installing software, and clearly communicate it to all appropriate stakeholders.**
- 2. Add costing activities to the PMO Project Checklist between the “Initiate” and “Plan” phase to ensure any licensing needs are addressed prior to the “Execute” phase.**
- 3. Leverage existing “engineering controls” such as our network segmentation and ESX cluster to limit where production servers and database instances are deployed.**

4. Identify and focus on vendors/products that expose us to the greatest risk and conduct periodic audit reviews to ensure compliance is maintained as well as adherence to defined policy/process is being met.
5. Leverage outside experts (e.g. Gartner) for focused efforts to ensure that we're adequately licensed for the environment we're designing.
6. Better utilize our existing discovery and reporting tools, and automate processes where applicable.