



Midpeninsula Regional
Open Space District

R-16-32
Meeting 16-07
March 23, 2015

AGENDA ITEM 7

AGENDA ITEM

Information Services and Technology - Philosophies, Strategies and Tactics for Delivering Value

SUMMARY/DISCUSSION

The value of information technology is in its ability to deliver added value to an organization. Value can be realized through a variety of means; however, it is most tangible throughout an organization when it promotes staff efficiencies and effectiveness. With the creation of the Information Services and Technology (IST) Department the District is better suited to develop more reliable, innovative and efficient technology solutions to support staff and the Districts constituency.

IST will be focused on a variety of ways to promote added value within the District through technology. Aspects of technology are akin to the construction of a new home in that they both rely on a strong foundation. IST is looking at 3 projects to lay the foundation for the Districts future success with technology.

INFORMATION SERVICES AND TECHNOLOGY IMPROVEMENTS

Microsoft Office Upgrade – Beginning this fiscal year, all district computers will be upgraded to the Windows 10 OS and Office 2016, including a migration of email to the Microsoft Office 365 Cloud. Additionally, this project will roll out MS Project to various District staff responsible for managing projects; as well as, Sharepoint which can be configured to function both as a document management system and an intranet site.

Infrastructure Upgrades – Planning will begin this fiscal year on multiple smaller infrastructure projects identified in the IST Strategic Plan to be combined to build out one larger project with a proposed implementations in FY 2016-17. Currently the IST team is upgrading the District's firewalls to increase security. The project also includes the rebuilding of the server room in the AO to be a fully virtualized and scalable environment, increasing bandwidth in the field offices, and implementing a second internet pipe to the AO for increased business continuity.

Enterprise GIS Implementation and Planning – Project planning and a release of an RFP to occur this fiscal year with a proposed implementation in FY 2016-17. This project will include the design and build a centralized enterprise geodatabase that consolidates the District's existing GIS data while developing data models for identified future data needs. It will also enable mobile field data collection in a disconnected environment.

Responsible Department Head:
Garrett Dunwoody, Information Systems and Technology Department Manager