Today's Agenda

Network Design

- Summary
- Heat Map Example
- Costs

Video Security / CCTV Cameras / Building Alarm

- Summary
- Costs

Genetec Access Control

- Summary
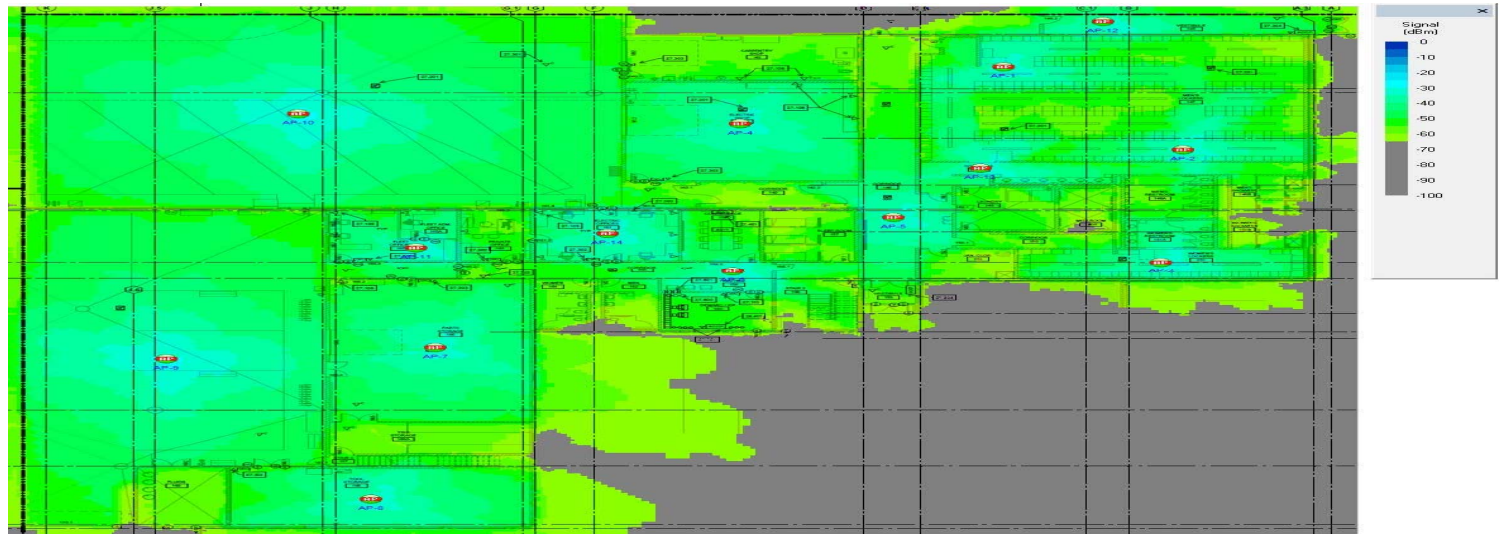- Costs

Total Costs Summary

Questions?

Network Design:

- Scientel Solutions has designed the network to incorporate switches, wireless access points for interior and exterior coverage and firewalls. Heat Maps are provided for access points coverage. Scientel Solutions was selected as the City's Network Infrastructure Preventative Maintenance and Support vendor under R21-136
- National Technologies (NTI) providing fiber optic network backbone for internet capability
- Uninterruptible Power Supply (UPS)– System will have a battery backup which provides temporary solution during power outages for our network hardware

Heat Map Example:

| Wi-Fi and Network Costs | $142,467.19 |
| Fiber Network | $113,101.00 |

Video Security / CCTV Cameras / Alarm:

- Scientel Solutions will design, build, deploy a holistic video surveillance solution for the new Public Works building that will provide state of the art security. Scientel Solutions was selected as the City's Preventative Maintenance and Support vendor for CCTV camera systems under R21-135
- The solution was designed in accordance with APD CIIC Lt. Andy Wolcott's survey for the Public Works property.
- Building Alarm System is being provided by Alarm Detection Systems (ADS)

| Video Security and CCTV Cameras | $128,220.32 |
| Building Alarm | $ 68,490.00 |

Genetec Access Control:

- Scientel/Siemens has provided a turnkey solution for access control solution for the new Public Works facility. Scientel Solutions was selected as the City's Preventative Maintenance and Support vendor for VMS with R21-135
- Scientel/Siemens will provide a new Genetec Fileserver that will be federated into the City's existing federation system along with all hardware, licensing, and commissioning for the system.
- The solution was designed in accordance with Public Facilities Director, Derrick Winston and Public Works Director, Ken Schroth with surveying the Public Works property security requirements.

Genetec Controlled Access $376,147.97

Total Costs Summary

	Task		Budget Total
IT Infrastructure	Wi-Fi and Network Deployments (Scientel Solutions)		$ 142,467.19
	Video Security / Situational Awareness System (Scientel Solutions)		$ 128,220.32
	Genetec Acess Control and VMS Solution (Scientel Solutions)		$ 376,147.97
	Fiber (NTI)		$ 113,101.00
	IT Infrastructure Total		**$ 759,936.48**

	Task		Budget Total
Alarm	Building Alarm (Alarm Detection Systems Inc.)		$ 68,490.00

Subtotal		**$ 828,426.48**	
15% Contingency	$ 124,263.97	$ 124,263.97	
TOTAL COST		**$ 952,690.45**	

Questions?