



# INFORMATION TECHNOLOGY

DEREK DUENAS, IT MANAGER



Replace obsolete technology



Increase cyber security



Increase quality of service



Plan and prepare for future growth

GOALS FOR FISCAL YEAR 2020 - 2021

# PHONE SYSTEM REPLACEMENT

Replace obsolete system

- Affects all city departments including Public Safety
- System has already started to fail
- If system fails, there will be a minimum of 5 weeks downtime
- We must be proactive and not wait until it's too late
- Replace NEC with Avaya phone system
- Phone system is commonly used by other agencies nearby.

Total cost \$160K (lease available for 4 years)

# NETWORK ADMINISTRATOR

- New position responsible for maintaining the City's Network
- Responsible for network maintenance (switches, routers, firewall, vpn)
- Network monitoring for quality service, Intrusion, malicious activity
- This is a must have position for any Government organization
- Small government agencies are common targets for security breaches.
- This position does not guarantee a bulletproof network, but it provides us Security and a fighting chance to stop a cyber-attack.

# COMPUTER AND IT EQUIPMENT

- Replacement of equipment over 5 years of age.
- Additional computers as spares and for training purposes.
- This includes Microsoft office licenses.
- Will help employees be more efficient and productive.
- Will help us keep up with technology and be more secure.

Total cost 50K

## FIBER OPTIC CABLE

- Run fiber optic cable from Youth Center to Fire Department
- Increase network bandwidth from 40 mbps to 1000 mbps
- Minimal to no yearly maintenance costs
- Infrastructure with ability to grow. Planning for the future.

Total cost 18K

# VOTING SYSTEM FOR COUNCIL CHAMBERS

- Small size voting system that integrates to our existing system
- Will provide Council to vote and display count on screens
- This project has been modified for only voting system with no video and audio upgrades.

Total cost \$20K

# PARKS AND REC SURVEILLANCE SYSTEM

- Purchase of enterprise level recording software
- Cost includes licensing, video server and storage for Youth Center, Cultural Center, Parks, and Gym.
- Will reduce downtime and loss of data by consolidating four recorders into one.

Total cost: 15K

# TIME CLOCK MACHINES REPLACEMENT

- Time attendance software will be replaced and current wall clock in machines are not supported in the new software.
- New time clock machines will allow users to clock in using their id cards
- Our current system is obsolete and no longer supported by the service provider.

Total cost: 40K

# REQUEST FOR POSITIONS

- Network Administrator (full time)
  - Maintenance of City-wide network. Monitor network activity.
- HelpDesk Technician (full time)
  - First level of support. Answers calls and directs them appropriately.
- Public Safety IT Technician (promotion)
  - Public Safety is a priority. A dedicated technician is necessary to ensure their systems remain operational at all times. This position will specialize in Public Safety technology. Position will continue to report under IT and the same procedures and guidelines will apply.
- Graphics Design specialist / assistant (Part time, Temporary)
  - Will help our Graphic designer with workload. Needed during holidays.





THANK YOU