

EXHIBIT A

SPECIFICATIONS FOR TANK BRANCH SURVEILLANCE/CAMERA SYSTEM

The provider shall ensure that the system complies with the following:

Camera System (5 Units)

- 1) Outdoor rated enclosure, system to operate at a temperature as low as 5°F and at a high of 105°F.
- 2) Outdoor rated IP network digital recorder with a video storage capacity of at least 21 days of full resolution video at thirty frames per second at the native resolution of the cameras in each system.
- 3) Quantity of three IP bullet cameras of at least 8 Megapixel resolution with day/night functionality. A minimum of 250 feet IR at night. Cameras will face south, east and west.
- 4) All interconnecting equipment to include but not limited to POE injectors, cabling, surge protection, mounting hardware, etc. to make the system fully functional.

Interconnection

- 1) These systems must be able to be accessed remotely with a large enough bandwidth to view all three cameras from one pole (camera system) at native resolution at one time from the end point at the Gaffney Public Works Department.
- 2) Bandwidth must be of high enough throughput to view all cameras from the five systems to be viewed remotely in a sub stream of a minimum of 704x460 at 30 frames per second at the Gaffney Public Works Department.
- 3) Wireless technology is required for interconnection as these systems may be moved within the Tank Branch Area as the situation requires.
- 4) Transmitters/Receivers as required and to allow all the data to be accessed at the City of Gaffney Public Works Department.
- 5) Video playback and live feed must also be viewable remotely via windows based computers and iphone/android applications utilizing the Public Works Department internet provider. Remote video quality may be limited due to internet bandwidth available at the Gaffney Public Works Department.

Installation

- 1) All equipment to be installed and configured by the company awarded the contract.
- 2) Cameras shall be powered by plugging in to 120 volt 15 amp receptacle provided by others.
- 3) Contractor to provide all equipment necessary for complete installation of camera system.

Warranty

- 1) Three year exchange on all equipment installed.