



Terrebonne Parish Sheriff's Office  
137 Capital Blvd.  
Houma, LA 70360

**Attention: Mr. L. Vernon Bourgeois Jr., Sheriff**  
**Regarding: School Bus Video Systems Bid**

Please accept this bid from Gatekeeper Systems Inc. as an equivalent or superior system to your bid specification.

The following notes highlight some important technological developments and differences between the Angel Trax system in your specification and the newest technology now available.

The major technological changes with School Bus Video Systems are with the recording medium and the compression technique.

**Recording Medium**

Manufacturers of School Bus video systems are moving away from "spinning hard drives" and moving to Secure Digital High Capacity (SDHC) cards. (Similar to what is used in digital cameras)

Gatekeeper can provide their old system that utilizes a hard drive however; approximately eight months ago we released a system that is 100% solid state and records to an SDHC Card. This new solid state system is very small (3.5" W x 4.6" L x 1.1" H) and very light (11 ounces). Since the introduction of this new solid state system we have not had one School District chose one of our systems that utilize a spinning hard drive. This has given us a strong message that School Districts do not want systems with moving parts on their buses. We now have approximately 4,000 solid state systems installed in School Buses throughout the USA and the number is growing daily.

**Compression Technique**

Until recently MPEG4 was the best compression available having displaced JPEG for compressing streaming video. However a new compression technique, H.264, is now available and compresses 5-7 times more information than MPEG4 and delivers higher quality images on play back. Gatekeeper Systems Inc. has now moved away from MPEG4 and is using H.264 for compression.

***CREATING A SAFER WORLD***

**GATEKEEPER SYSTEMS INC.**

301-31127 Wheel Ave, Abbotsford, BC V2T 6H1 P: 604-864-6187 F: 604-864-8472 Web: [www.gatekeeper-systems.com](http://www.gatekeeper-systems.com)



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### **Audio**

The Gatekeeper System has 4 Inputs for video and also 4 dedicated audio channels. Each camera plays back the audio from the specific camera that is being viewed.

### **Mobile DVR USB Uplink Cable**

This is not required when using SDHC Cards. The SDHC card can be plugged directly into the SD port on your laptop or PC.

### **Delivery**

1 – 25 Systems ..... 2 weeks

26-50 Systems ..... 2 weeks

51-100 Systems .....4 weeks

101- 150 Systems .....5 weeks

### **Extended Maintenance Agreement**

1 – 25 Systems - \$75 each per year

26-50 Systems - \$65 each per year

51- 100 Systems - \$50 each per year

101-150 Systems - \$50 each per year

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