



PURCHASING DEPARTMENT  
1772 County Services Parkway  
Marietta, Georgia 30008-4012  
(770) 528-8400/FAX (770) 528-1154

Rick Brun  
DIRECTOR

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**ADDENDUM No. 1**

**Sealed Bid # 10-5452  
Request for Proposal  
Transit Bus On-Board Surveillance System  
DATE: November 11, 2009**

Page 1 of 12

The following addendum hereby amends and/or modifies the Proposal Documents and Specifications as issued for this project. All proposers are subject to the provisions of this Addendum.

**Proposers shall acknowledge receipt of this addendum.**

**This Addendum consists of:**

- **Modifications to the specifications.**
- **Questions submitted during the November 3, 2009 Pre-Proposal Conference.**
- **Questions submitted in writing.**
- **Pre-Proposal attendee list.**
- **Attachment – Facility Drawing**

Include this original form inside your proposal package when submitted.

If you have any questions concerning this addenda please contact: John Flood @ 770-528-8418

**All bids must be received before 12:00 (noon) by the Bid Opening date. Bids should be sent/delivered to Cobb County Purchasing Department, 1772 County Services Parkway, Marietta, GA 30008.** Bids will be opened at 2:00 p.m. in the Cobb County Purchasing Department, 1772 County Services Parkway, Bid/Meeting Room, 2<sup>nd</sup> Floor, Marietta, GA 30008.

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**I acknowledge that I have received Addendum No. 1**

Sealed Bid # 10-5452  
**Request for Proposal  
Transit Bus On-Board Surveillance System**

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date Sent to Purchasing

\_\_\_\_\_  
Please Print Name

**Please sign, date, and fax back this form ONLY to:  
Fax #: 770-528-1154  
Attn.: John Flood  
Please call 770-528-8400 for questions regarding this addendum.**

**Request for Proposal  
Transit Bus On-Board Digital Surveillance System  
Cobb County Sealed Bid #10-5452  
Addendum 1**

**Please note the following changes have been made to the Scope of Work:**

**Page 4 Bullet 2**

The Digital Video Recorder shall be tested for use in a typical transit environment; evidence of system reliability shall be provided, showing that the contractor's products have been used in a transit environment for over 2-years and

**Delete "have at least 20,000 units in the field."**

**Add "that references be provided using the same product(s) specified for this proposal. Proposers are required to demonstrate that they have successfully implemented transit systems in a large quantity of transit agencies demonstrating the ability to install and support transit agencies over a broad geographical area over a significant duration of time."**

**Page 4 Bullet Point 8**

The DVR must accept non-proprietary "off the shelf" "2.5" or 3.5" hard drives and be field upgradeable for further expansion.

**Delete 2.5**

**Page 5 Bullet Point 1**

The DVR shall be equipped with a temperature sensing system, software controlled fan and integrated heater for operation in a wide range of temperatures; the DVR shall not began writing to the hard drive until a safe operating temperature is reached.

**Delete "a wide range of"**

**Add "-5 to 150 degrees"**

**Add**

A system with the capability to generate daily reports of downloads is preferred.

**Add**

The County has the right to exercise its option to purchase equipment separately.

**Request for Proposal**  
**Transit Bus On-Board Digital Surveillance System**  
**Cobb County Sealed Bid #10-5452**  
**Question & Answer**

1. **Question:** A user must use the included IR remote, connect a laptop, or connect via LAN. Are these options acceptable, or does the units have to have front panel controls?  
**Answer:** Yes, the unit must have front panel controls or other input device to prevent the use of a laptop to change settings on DVR.
2. **Question:** What are the names of countries that will be eligible to participate in this tender?  
**Answer:** There are no limits on countries eligible to participate in this bidding process. However, all bidders must comply with Buy America requirements.
3. **Question:** Estimated Budget for this Purchase.  
**Answer:** Estimated budget is \$600,000.
4. **Question:** Any Extension of Bidding Deadline?  
**Answer:** No, there will be no extension of the bid deadline.
5. **Question:** Will vendor be responsible for building wireless backbone?  
**Answer:** Yes, vendor is responsible for configuration of backbone and equipment installation. Vendor will be responsible for the Installation, Configuration, and Maintenance of the wireless infrastructure that supports the DVR surveillance system.
6. **Question:** What does the backbone consist of?  
**Answer:** See question #5. Vendor will provide a conceptual diagram of proposed wireless network as part of the bid process.
7. **Question:** What is model# of the equipment?  
**Answer:** See question #5. : Vendor will be responsible for the equipment selection. The Vendor will be required to conduct a site survey of bus parking area and select equipment based on site survey findings.
8. **Question:** Will there be an interface spec provided?  
**Answer:** Yes, an Ethernet land connection 10/100/1000. Cobb County CCT requires an Ethernet port on a Vendor switch or router to interface with a Cisco ASA 5510 firewall to communicate with the County network.

9. **Question:** Do you have a server room onsite?  
**Answer:** Yes, there is a server room located in the building of 463 Commerce Park Drive.
10. **Question:** Will the County provide the signal?  
**Answer:** No, vendor will supply backbone and hand off to County in server room via Ethernet switch. The Vendor is responsible for all wireless and LAN signaling up to the County Firewall.
11. **Question:** What is the location of download?  
**Answer:** The download location will be where the buses are parked overnight. The download location should be server based and the server located in the communication closet in the main building.
12. **Question:** Will the spec identify the distance for transmission?  
**Answer:** The physical distance is approximately 540ft x300ft-main yard and approximately 470ft x 90ft paratransit yard. The Vendor will need to perform a site survey to identify adequate coverage of the CCT Bus parking areas.
13. **Question:** Is there an availability to walk-thru.  
**Answer:** Yes, walk-thru can be scheduled.
14. **Question:** Does all 126 buses park on one yard?  
**Answer:** Two separate but adjacent areas are used for parking with future expansion of one yard.
15. **Question:** Are vendor to cost out GPS system for each bus?  
**Answer:** Yes, the option is to integrate with existing or add what is needed.
16. **Question:** How should vendors quote the GPS system?  
**Answer:** It will be vendor's preference. The option is to integrate with existing or add what is needed.
17. **Question:** Who is current GPS provider?  
**Answer:** Digital Recorders model # DR600
18. **Question:** Do all buses have the Digital Recorders system?  
**Answer:** All except for Para transit buses which have no system on board.
19. **Question:** How many Para transit buses are there?  
**Answer:** There will be 31 at time of installation.
20. **Question:** Is there a wireless carrier?  
**Answer:** No current wireless provider.
21. **Question:** Is facility wireless based?

**Answer:** CCT currently uses 802.11ABGN at this facility. There are currently two separate networks operating on the property. One is County operated and the other is stand alone. CCT maintains a wireless network for its employees at the main building. The CCT wireless network is a secured network that is part of an extended Enterprise LAN. The proposed Vendor wireless network will need to operate independent from the CCT wireless network. The proposed Vendor wireless network will be isolated from the Cobb County network. The Vendor will need to communicate with the Cobb County IS Network Security team on network standards.

22. **Question:** Is there cellular?  
**Answer:** No current cellular provider.
23. **Question:** What is intended use for monitors?  
**Answer:** For overt public view.
24. **Question:** Will a bidders list be published?  
**Answer:** Yes, a list of pre-bid attendees will be published with the addenda.
25. **Question:** Will actual wireless access points be provided?  
**Answer:** No, vendor will supply. See question #5; Vendor will be responsible for the Installation, Configuration, and Maintenance of the wireless infrastructure that supports the DVR surveillance system.
26. **Question:** Will vendor just quote wireless equipment for the bus?  
**Answer:** See question #5
27. **Question:** Does the 40' buses need lock box or just Para transit buses?  
**Answer:** Only the Para transits need boxes installed.
28. **Question:** In regard to Digital Recorders and the option to integrate, are they willing to share?  
**Answer:** Vendor will need to inquire with Digital Recorders.
29. **Question:** Are vendors expected to use the cost proposal provided in the RPF?  
**Answer:** Yes, please add additional items to cost form.
30. **Question:** Is there a requirement for the ability to grab or push video?  
**Answer:** There is no requirement but is preferred.
31. **Question:** Can radio equipment be relocated within the box?  
**Answer:** No, radio equipment must not be relocated.
32. **Question:** Will county specs/layout be provided?  
**Answer:** A generic layout of the facility will be provided.
33. **Question:** A requirement of the proposal is to provide a solution for auto - downloading of event off the bus, when the vehicles return to the yard. During the pre-bid, there was some uncertainty as to if the hardware and infrastructure

for the facility would be provided by Cobb Transit, or the contractor, can you specify?

**Answer:** see question #5

34. **Question:** Will the contractor have the ability to utilize any lamp standard or poles within the yard that currently have power, and will any special permits be needed to gain access, or does Cobb Community have the authority to give permission for this work to be done on the site?

**Answer:** Yes, the vendor may use any lamp standard or poles within the yard. Yes, CCT has the authority to give permission for this work to be done on the site.

35. **Question:** Is there Ethernet connectivity anywhere in the yard that may be utilized by the contractor.

**Answer:** Yes, it is located at the adjacent Transfer Center building.

36. **Question:** Does Cobb Community wish to have the wireless infrastructure connect to their existing intranet, or do they plan on having a standalone system?

**Answer:** The proposed system will be a stand alone system. The County will have access to the system via a firewall that the County currently has installed on site.

37. **Question:** Could the Authority please expand upon the liquidated damages? What is deemed “unacceptable” How is the specified completion date determined?

**Answer:** As specified on page 9 of the RFP section 6.3 Acceptance of the system/Liquidated Damages: “unacceptable” would be all not meeting any or all of the requirements: “fully functional, operating problem free and all training is completed. All requested accessories, manuals, diagrams and documents must be delivered and complete in order for the system to be accepted.” The completion date is determined by the vendor who states either written or verbally that the project is completed, installed and fully operational and requests final payment. Usually a project schedule is submitted after the initial contract award.

38. **Question:** Regarding the 7” LCD required. How many video inputs will be required?

**Answer:** Only 1 is required.

39. **Question:** Regarding the GPS requirement. Please verify that all vehicles except the paratransit (95) have a Digital Recorders system that receives a GPS signal. Please verify that all Paratransit vehicles (31) require a GPS receiver to be installed on the vehicle.

**Answer:** Yes, all vehicles except the paratransit (95) have a Digital Recorders system that receives a GPS signal. Yes, all Paratransit vehicles (31) require a GPS receiver to be installed on the vehicle.

40. **Question:** Please advise what the requirements are for the vendor regarding remote viewing, video downloading and archiving. Is this brand specific?

**Answer:** No

41. **Question:** Is the vendor required to install wireless equipment on all vehicles?  
**Answer:** Yes
42. **Question:** Are there specifications required for the nodes or bridges installed on the vehicles?  
**Answer:** Enterprise grade 802.11 a,b,g,n, weather resistant, Industrial mobile Wi-Fi solution Capable of automatic roaming – it switches automatically to a stronger signal.
43. **Question:** Is the vendor required to install a wireless infrastructure?  
**Answer:** See #5
44. **Question:** Are there any limitations on the type or frequencies utilized?  
**Answer:** This can be determined during the site survey conducted by the awarded bidder.
45. **Question:** Is the vendor required to provide the server? If so are there any specifications for this?  
**Answer:** Yes, The server should be based on the proposed DVD system requirements for the application and storage.
46. **Question:** Are there any specifications for the wireless management software?  
**Answer:** Many Enterprise grade wireless systems have wireless management software as part of their software suite of products. The management software should be capable of managing multiple wireless access-points for administration and configuration purposes.
47. **Question:** Please explain what is the intent of the “non-proprietary off the shelf 2.5 or 3.5 hard drives” specification.  
**Answer:** The County would like the ability to purchase the required hard drive from any competitive vendor at fair market value.
48. **Question:** Please elaborate on the specification requiring the DVR to have the capacity to be “to record continuously or by event”. Are you asking that the system be able to record continuously or record only by event?  
**Answer:** No, both.
49. **Question:** Are you asking that the system be able to record continuously and be able to tag or bookmark events?  
**Answer:** Yes
50. **Question:** Can the vendor edit / add lines to the “Cost Proposal” to better explain what is included and/or not included in the line item?  
**Answer:** See #29

51. **Question:** Will the contractor responsibility for the RFP's wireless system requirements extend outside of the bus? If so, what sort of infrastructure exists to support such contractor-provided set of wireless access points that will carry the video from the buses parked in the CCT bus parking/maintenance yard?

**Answer:** Yes, the contractor responsibility for the RFP's wireless system requirements extend outside of the bus? Currently there is no infrastructure in place.

52. **Question:** What performance specification (e.g. data through-put, yard coverage, etc.) can be provided by CCT to assist in the design of this wireless network?

**Answer:** This can be determined during the site survey conducted by the awarded bidder. See #12 for yard coverage.

53. **Question:** Will placement and definition of the security enclosure on the para-transit buses be totally up to the contractor or is there a specific location and size for this enclosure?

**Answer:** The final location for the DVR must be approved by CCT staff and should be located in an area that does not interfere with passenger and driver operations.

54. **Question:** The RFP calls for automatic off-loading (e.g. pushing video) of video from the buses but does not mention "on-demand" off-loading (e.g. pulling video) based on CCT-generated commands. Is such an "on-demand" video off-loading desired by CCT?

**Answer:** The feature is preferred but not required.

55. **Question:** Does CCT still plan on posting the names of the pre-bid conference attendees?

**Answer:** See #24

56. **Question:** Will the addendum containing CCT's answers to contractor questions be posted so as to leave at least (1) week of time between the response posting and the RFP due date?

**Answer:** Yes, within 7 calendar days.

57. **Questions:** Page 4 refers to providers having 20,000 units in the field. We are unaware of any one manufacturer or provider that has 20,000 mass transit units in the field using current systems that would be proposed for this RFP. Can this requirement/ specification be changed to require proposers to demonstrate transit client references? Perhaps requiring a specific amount (20 references?) using the same product proposed or this RFP? We recommend Cobb County request specifically that references be provided using the same product(s) specified for this proposal. We also recommend that Cobb County require

proposers to have successfully implemented transit systems in a large quantity of transit agencies (50+?) demonstrating the ability to install and support transit agencies over a broad geographical area over a significant duration of time.

**Answer:** See changes to scope of work in the addenda.

58. **Question:** Page 4 specifies a 7” LCD monitor. Can Cobb County please describe the functionality desired for this monitor?

**Answer:** See #23

59. **Question:** Page 4 specifies front panel controls. Very few mobile-specific DVR system contain front mounted controls – would Cobb County consider removing this requirement?

**Answer:** No, see #1

60. **Question:** Page 4 specifies a frame rate of 1-30 fps/ camera. Is there a recording rate requirement for system-wide recording? This specification only states a requirement that 1 camera be able to record up to 30 fps. We recommend specifying a minimum system frame rate of 120 images per second.

**Answer:** The camera needs the capability of being independently controlled or configured. Setting a system wide frame rate would not be acceptable. CCT wants the ability to set the frame rate of each camera.

61. **Question:** Will Cobb County accept another form of bid security such as an irrevocable letter of credit as performance security on this RFP? Can bid security be provided in the form of an irrevocable letter of credit or a cashier’s check?

**Answer:** No, a letter or credit or cashier’s check would not be acceptable. The bid security must be in the form of a bid bond.

62. **Question:** Many recording systems have a connection for the video feed and a separate connection for any number of audio feeds. Are these types of systems acceptable?

**Answer:** Yes, this is acceptable.

63. **Question:** If the contractor is in fact responsible for the wireless infrastructure, is there power available, and accessible for the contractor, in areas 1, 2, 3, 4, 5, 6.

**Answer:** This question cannot be answered. Areas 1-6 can not be determined due to the referenced map not being provided

**PRE- BID CONFERENCE  
 REQUEST FOR PROPOSAL  
 TRANSIT BUS ON-BOARD DIGITAL SURVEILLANCE SYSTEM  
 SEALED BID #09-545Z  
 COBB COUNTY DEPARTMENT OF TRANSPORTATION/COBB COMMUNITY TRANSIT  
 NOVEMBER 3, 2009**

REPRESENTATIVE NAME	COMPANY NAME & COMPLETE ADDRESS	PHONE (INCLUDE AREA CODE)	FAX # (INCLUDE AREA CODE)	E-MAIL ADDRESS
* J. PERTIERRA	ADT SECURITY SERV., INC. 7218 PHILIPS HWY. TAY. FL. 32256	904-732-7199	904-732-7163	JPERTIERRA@ADT.COM
Gerald Jackson	ADT Security Serv. Inc. 8607 Roberts Dr. Atlanta, GA 30350	678-585-5819	678-585-5851	gdjackson@ADT.com
PATRICK MILLER	KRARD'S DEFENSE + SECURITY SOLUTIONS 840 FRANKLIN COURT MARIETTA, GA 30067	404-597-7596	770-977-5680	PATRICK.MILLER@ KRARDSENFENSE.COM
MIKE SCHWERTMAN	SAFETY VISION, LP 6100 W. SAM HOUSTON PEWY N. HOUSTON TX 77041	713-929-1057	713-896-6640	mschwerman@ safetyvision.com
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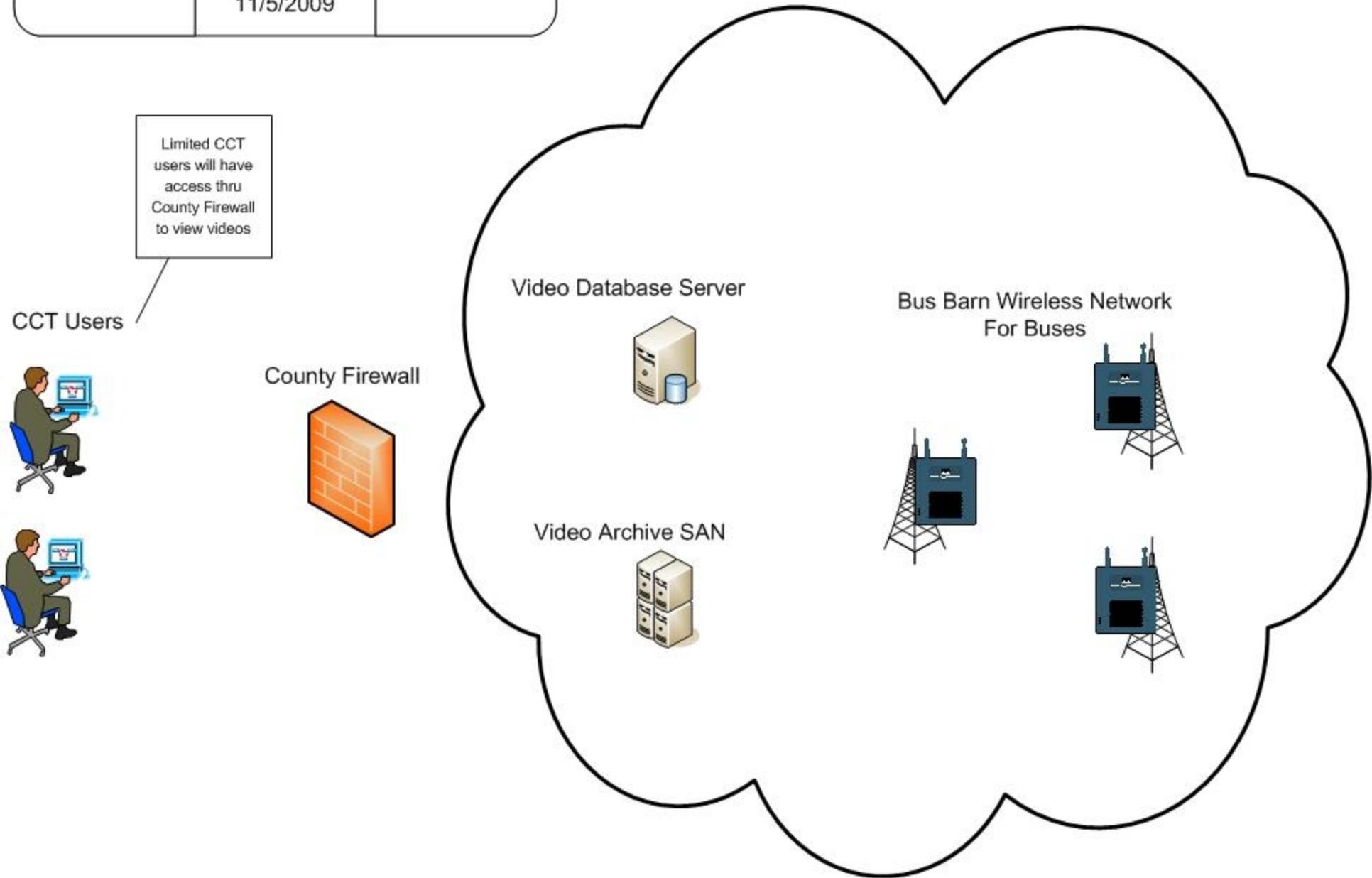
**PRE- BID CONFERENCE**  
**REQUEST FOR PROPOSAL**  
**TRANSIT BUS ON-BOARD DIGITAL SURVEILLANCE SYSTEM**  
**SEALED BID #09-5452**  
**COBB COUNTY DEPARTMENT OF TRANSPORTATION/COBB COMMUNITY TRANSIT**  
**NOVEMBER 3, 2009**

REPRESENTATIVE NAME	COMPANY NAME & COMPLETE ADDRESS	PHONE (INCLUDE AREA CODE)	FAX # (INCLUDE AREA CODE)	E-MAIL ADDRESS
Jason Culberson	Veolia Transportation 463 Commerce Park Dr Ste 114 Marietta, GA 30060	770-429-7305		jason.culberson@ cobbcounty.org
Sean Kendrick	National Bus Sales 800 Pickens Dr. Ext. Marietta, GA 30062	770-422-8920	770-795-4279	skendrick@ <del>nationalbus</del> nationalbus.com
Mary McAleer	Verint Video Solutions 12110 North Pecos, Ste 300 Denver, CO 80234	303.450 5904	303.450 5950	mary.mcaleer@ verint.com
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MARK ROWLAND	Cobb County			

Trevor Carson Cobb County

# CCT Wireless Network Concept

11/5/2009



This network should be isolated and independent of the Cobb County Network