

MEMORANDUM

To: All Prospective Bidders

From: Rod Ghearing, Transit Manager

Date: February 1, 2012

Subject: Response to questions received regarding IFB for Transit Surveillance DVR Equipment

Following are our responses to all questions that were submitted by the close of business on Tuesday, January 31, 2012.

Item One
Page 7, (3) references Operator Manuals.

- Please clarify the definition of "Operator" and provide the number of manuals that will be required. Is the intent for the manuals to be provided to Bus Operators or video-review/security personnel?

Item One Response

It was our intention to get one set of detailed product information covering all components and a short descriptive handout or brochure of some form for all bus operators describing their interface with the system and its features. There are approximately 100 bus operators. Electronic versions of all items should also be provided in pdf format.

Item Two
Page 11, (C.3.d) specifies System Acceptance.

- Please clarify whether the thirty (30) day live period for acceptance refers to individual vehicles or to the entire system.

Item Two Response

The 30 day live testing period will commence upon the completion of the installation of the equipment in the last bus (not including the four MCI coaches that are not yet delivered) and covers the entire system.

Item Three

Page 11, (C.3.e) specifies Payment Schedule.

- Please approve the following proposed and invoice plan:
 - We will ship the equipment necessary for installation directly to the site location and at that time will invoice TJPMAC for those parts only. Payment will be due net 30 days after receipt.
 - We will then send an installation crew to install those components. Once the vehicles have been accepted by TJPMAC, we will invoice (for labor only) for the accepted vehicles on a monthly basis. Payment will also be due net 30 days.

Item Three Response

This is unacceptable. Payment for hardware and installation services will be made, less a 10% retainage, upon certification that the equipment has been installed on a bus-by-bus basis. The 10% retainage will be paid upon acceptance of the system.

Item Four

Page 12, (C.3.g) specifies Customer Support and Service Maintenance.

- Please clarify the language in the last paragraph "or provides for cooperative maintenance for the user maintainable systems that can reduce the overall maintenance cost." It is unclear what is intended by cooperative maintenance.

Item Four Response

This would be a system whereby Transit JPA maintenance staff would be trained to remove and replace defective components which would then be returned to the supplier for repair or replacement. Troubleshooting assistance from the vendor would be expected at all times.

Item Five

Page 13, (E.3) specifies Customer Technical Specifications.

- This section requires each camera to have a built in microphone. Please accept a standalone crown zone pressure microphone that has been engineered specifically for transit applications and a DVR that has two synchronized audio channels as an approved equal.

Item Five Response

This is acceptable as an approved equal.

Item Six

Page 26, (d) specifies DBE.

- Please clarify if you have a specific DBE goal.

Item Six Response

There is no specific DBE goal.

Item Seven

Attachment A Page 2, outlines Current Fleet.

- You state that the new MCI buses are "To be delivered August 2012 through October 2012. Contractor will be required to install cameras when all buses have been received." Please clarify that the selected vendor's installers will be required to do a second round of installations in the Fall of 2012 for these buses. Also, please clarify if your acceptance/"live" evaluation period begins after the completion of the first round of installations, or after the second round of installations on the MCI buses.

Item Seven Response

Yes, installers will be required to return in the fall of 2012 to install the video system in the remaining four MCI coaches once all of them have been received. This group of installation will have its own acceptance period separate for the installations that are completed earlier.

Item Eight

Attachment B Page 1, specifies Video Recording.

- The first bullet point requires channels of both video and audio
 - UTC has found that camera mounted microphones are highly inferior and provide very poor audio quality, and that separately mounted microphones provide much more intelligible audio to the end-user.
 - UTC has also found that providing audio from only 1 or 2 selected positions within each bus provides for much easier viewing, more intelligible audio, and takes less recording space on the hard drive.
 - Is a DVR that provides 8 channels of video and 2 channels of audio from select locations in the bus acceptable?

Item Eight Response

This is not acceptable. 8 video and 8 audio channels are required.

- The last bullet point states that the vendor must provide "grid selectable motion detection for each channel independently." Please clarify what exactly you are looking for in motion detection and the purposes for which you need this feature.

Item Nine

Attachment B Page 1, specifies USB.

- The first bullet point requires the back-up of stored alarm video to a USB device. Please approve back-up to a standard USB flash-drive as acceptable.

Item Nine Response

That is acceptable.

Item Ten

Attachment B Page 2, specifies the Hard Drive Module.

- The first bullet point states that you are requiring a hard drive with a 1TB storage capacity, however Attachment A Fleet Chart notes a 750GB hard drive. Please specify which you will be requiring.
- The first bullet point also requires a 2.5" HDD. Please approve a 3.5" HDD as an approved equal.

Item Ten Response

A 1TB storage device in either size is acceptable.

Item Eleven

Attachment B Page 2, specifies Physical/Environmental.

- The second bullet point requires an operating range of -40 degrees C to 65 degrees C. Please approve an operating range of 0 degrees C to 55 degrees C; all other components would meet the requirements.
- The third bullet point requires a fan-less cooling design. Please approve fan-cooled equipment as an approved equal.

Item Eleven Response

An operating range from -40 to 65 degrees C is required. Fan-less cooling is required.

Item Twelve

Attachment B Page 3, specifies Inputs and Outputs.

- The third bullet point requires J1939 interface. Please approve J1708 interface as an approved equal.

Item Twelve Response

This is acceptable.

Item Thirteen

Attachment B Page 3, specifies Diagnostics.

- The third bullet point requires physical "video present" indicators for each camera on the front panel of the DVR. Is this a requirement for all bidders, or just preferable?

Item Thirteen Response

This is a requirement.

Item Fourteen

Attachment B Page 4, specifies Cameras.

- The fourth bullet point requires exterior cameras with an IP68 rating (which is intended for equipment that is to be submerged under water, under pressure, for long periods of time). Please approve cameras with a IP67 rating (which rates equipment as acceptable for temporary immersion under water up to 1m deep) as an approved equal.

Item Fourteen Response

This is acceptable.

Item Fifteen

General Questions/Inquiries:

- Info on existing cameras and DVRs
 - Please provide detailed information on the DVR systems in the 6 2011 Glaval cut-away buses that we are to connect new cameras with.
 - Please provide detailed information on which of the buses in the fleet list are getting DVRs for the first time, and which are replacements. For the buses to receive replacement DVR's, please provide information on the type/model of equipment to be removed, the type of power being supplied to the current equipment), and the location of the current equipment. Will the new DVR's be going in equipment enclosures, or an exposed space within the bus?
- How many end users requiring docking stations will you require?
- How many spare hard drives will you require?
- How many copies of the bid proposal are required for TJPAC?

Item Fifteen Response

The 6 2011 model buses have REI DVR systems. All other buses are getting replacement systems. Most of these are Honeywell systems. They are all supplied with 12 volt DC power. As for the location of the equipment, it varies from dedicated enclosures to common equipment bays. We will require one docking station, three spare hard drives, and four copies of the bid proposal. As indicated on the IFB, Section E.1: Submissions shall be provided "via flash drive, CD or DVD, in PDF format, with the exception of Cost Information which shall be provided on an editable Excel spreadsheet...". Paper copies are not required.

Item Sixteen

On Page 1 of Attachment B Technical Specifications, you specify in the is" bullet point:

"Alarm videos protected from overwrite - protect for 0,3, 7, 10, 15, 20, 30,45, or 60 days, or continuously protected." Are you wanting all alarm events to be protected on the DVR or just able to be downloaded and then protected once downloaded?

Item Sixteen Response

Answer: Alarm videos should be protected from overwrite for the selected period of time until such time as they are downloaded.

Item Seventeen

On Page 4 of Attachment B Technical Specifications, you specify under **Other Features** on the second bullet point: "Local playback and configuration of with included remote control (requires monitor). Are you seeking a monitor included with the system, or do you already have a monitor you wish the system to be capable of replaying on?"

Item Seventeen Response

A monitor does not need to be provided.