



**ADDENDUM
REQUEST FOR PROPOSAL
CITY OF AUSTIN, TEXAS**

RFP: JXH0506

Addendum No: 2

Date of Addendum: 1/22/2015

This addendum is incorporating the following change to the above-referenced RFP.

1. The Proposal Due Date and Time are hereby extended as follows:

Proposal Due Prior to: 3:00 PM on February 19, 2015.

Proposal Closing Time and Date: 3:00 PM on February 19, 2015.

2. The deadline for vendor questions is hereby extended until February 5, 2015 at 5:00 PM.
3. A copy of the Cost Proposal in Word has been added as Attachment #2.
4. Responses to the vendor questions are posted below.
5. A copy of the Appendix A Technical Requirements has been added as Attachment # 3

Question: Can the City please clarify their intentions in reference to the proof of concept phase?

Example: (will the City be taking ownership of the equipment used in the proof of concept phase or does the City intend to return the equipment?)

Response: The proof of concept (POC) phase will only be required by the awarded vendor. Therefore, the equipment will be purchased for the POC and then will be used in the implementation phase of the project. In contrast, short listed vendors will be required to provide an on-site demonstration using vendor equipment that is not for sale, but is used to demonstrate features and system capabilities. Please see Section 600, Phase 2 Evaluation factors, which provide details on the on-site demonstration.

Question: Once the City completes bid opening, how many days until the proof of concept phase begins?

Response: This will be negotiated upon the final award with the awarded vendor.

Question: How long will the proof of concept phase last?

Response: This will be negotiated upon the final award with the awarded vendor.

Question: Once the proof of concept phase is complete when will the City award the project?

Response: The implementation timeframe will be negotiated with the awarded vendor.

Question: On page 19 of the RFP, section 3.2 Vendor's Responsibilities, can the City please provide more information on the portable trailer provided by the Austin Police Technology Unit (PTU)? Example, (size, power type, battery specs, pictures, etc.).

Response: No portable trailer will be provided by the Austin Police Technology Unit (PTU). The City of Austin expects the portable trailer device to be a turn-key solution. It should be a product that is designed, supplied, built, or installed fully complete and ready to operate..

Question: Will the City object to the Vendor providing their own trailer as a turnkey LPR system?

Response: The City of Austin expects the portable trailer to be provided by the selected vendor. The device will need to be a turn-key solution. It should be a product that is designed, supplied, built, or installed fully complete and ready to operate.

Question: Would the City of Austin like the Vendor to provide pricing for the full project or price per system to support a long-term contract?

Response: The City of Austin would prefer the Vendor to provide pricing per system, as requested in Exhibit A - Cost Proposal (Section 0500).

Question: Can the City confirm the use of existing poles?

Response: There are currently no specified poles for the proposed fixed mounted installation.

Question: If the City has existing poles in the specific areas is there electricity that vendor can tap off of?

Response: There are currently no specified poles for the proposed fixed mounted installation. Electrical connectivity will be the responsibility of the vendor; however, it is anticipated that electricity will be available.

Question: Would Austin PD be willing to utilize the existing Houston HIDTA ALPR database as their hosted solution which is fully CJIS secured in the Houston DEA HQ?

Response: The City of Austin will explore all options to include hosted or on premise.

In RFP section: **007:** "The system shall provide any authorized user the ability to query for license plate data based upon time, date, location of capture, and the employee (user/officer) number"

Question: Can this be done by system and time/date that would show the specific user or does it have to be queryable by user?

Response: The City of Austin would like the ability for the front-end user to be able to query who collected the license plate data (ex. The query would return the officer or AP number who was in the vehicle equipped with ALPR on a specific date and/or time).

Section: **012:** "The system shall provide the ability to import and export information to/from external applications and formats including but not limited to the following:

- o MS Excel
- o XML
- o Comma delimited"

Question: Typically the back end server supports an Excel format that has been saved into a CSV format for merging with additional hot lists. Is this acceptable?

Response: Yes. This is acceptable.

Question: Database queries can be run using Microsoft tools not from the UI, is this acceptable?

Response: Yes. This is acceptable.

Section: **019:** "The system shall have integration with virtualized (VMWare) server and database infrastructures."

Question: Unclear. The system is compliant with Virtual environments as long as it is hardware virtualization, aka type 1 hypervisor (Hyper-V, VMWare Vsphere/ESXi server, NOT VMware Workstation and not VirtualBox). The same minimum specs apply. Please clarify.

Response: Our standard environment contains type 1 hypervisor.

Section: **020**: "The proposed solution shall NOT require static network routes."

Question: Please clarify and be more specific.

Response: The proposed solution must work with standard Enterprise network services (e.g. – DHCP, DNS, etc.) and will not require manual network configurations.

Section: **023**: "The system shall use Esri Standard Shapefile and be Esri Compatible for GIS."

Question: Is a different mapping engine not necessarily compliant with ESRI which is a proprietary solution acceptable?

Response: The application needs to be able to export the data to include geographic coordinates (xys or latitude/longitudes) for external application mapping and analysis.

Section: **026**: "The system shall provide the ability to assign priorities to the various databases utilized by each police agency. "

Question: Priorities are assigned to alarm classes not lists. Please clarify further the prioritization required.

Response: End users would like to be able to prioritize the search lists (stolen vehicle, SOARs, persons of interests) so that stolen vehicles, for example, will be matched against first. This also refers to how the "hit" data displays, placing the preferred priority information first.

Section: **030**: "The system shall provide a "Rules" Feature whereby the system Administrator can define license plate numbers and/or characters that can be interpreted in different variations or "rules."

Question: Please clarify, this is unclear to what rules may be created and used.

Response: Files, could say "how to run the plate" I - 1 or O=0 (Optical Character Recognition)

Section: **037**: "The system shall provide the ability to encrypt any sensitive data Criminal Justice Information Services (CJIS) and Personally Identifiable Information(PII) being stored in the system"

Question: Unclear where encryption must happen. The system can encrypt any communication to and from the server.

Response: This may be acceptable; however, additional information will likely be required to make the determination on whether this will satisfy CJIS and PII requirements.

Section: **052**: "The system shall provide the ability to monitor, track and log system uptime and transaction response times in order to provide information for SLA monitoring."

Question: Unclear, does this refer to the server or car system or LPR processor?

Response: All of the above is preferred. Uptime on the server for monitoring purposes is required.

Question: How many ALPRs mounted in vehicles, on portable trailers and fixed mounted does APD intend to deploy?

Response: Deployment strategies will be determined based upon provided cost determinations and identified strategies.

Question: Can APD provide a budget amount approved for this project?

Response: The budget will be negotiated with the awarded vendor.

Question: Does APD prefer an on premise solution or hosted?

Response: Austin Police Department (APD) is looking for the best value solution, whether that be on premise or hosted.

Per Section **3.2 Vendor's Responsibilities**; what is the desired duration of the proof of concept?

Question: The desired duration of the proof of concept will be negotiated with the awarded vendor. Please confirm that APD will provide compensation for the Proof of Concept to include services and/or hardware use?

Response: The proof of concept (POC) phase will only be required by the awarded vendor. Therefore, the equipment will be purchased for the POC and then will be used in the implementation phase of the project. In contrast, short listed vendors will be required to provide an on-site demonstration using vendor equipment that is not for sale, but is used to demonstrate features and system capabilities. Please see Section 600, Phase 2 Evaluation factors, which provide details on the on-site demonstration.

Question: What is the proposed project schedule to include Award of Contract and Completion?

Response: This will be negotiated upon the final award with the awarded vendor.

Section: **ID#001:** The application software shall be capable of supporting multiple "hot list" databases including but not limited to:

- ** TCIC stolen vehicles and vehicle of interest lists/database (Texas Crime Information Center)
- ** NCIC stolen vehicles and vehicles of interest lists/databases (National Crime Information Center)
- ** Local stolen vehicles and vehicles of interest lists/databases
- ** Registered Sex Offenders vehicles
- ** Local Wanted persons
- ** FBI's Most Wanted

Question: How will the PD be receiving these lists and how can the ALPR supplier pull the lists? Will they need to be pulled from an FTP or HTTP? What are the files formats for the lists?

Response: The TCIC/NCIC database (primary)

Section: **ID#004:** The system shall provide the ability for Detectives and authorized Austin Police Department personnel to access information previously obtained by the system, via computers on the City network or on an active Mobile Digital Computer MDC

Question: Is there a VPN connection in the vehicle to communicate to the server? If so, which one?
Response: Netmotion is used in vehicles.

Question: Section: **ID#027:** Are the databases referred to for Hotlists? Please explain where this data will be stored and how the vendor will have access to it.

Response: Primarily this is the TCIC/NCIC database. City of Austin requests to be able to input vehicles of interest directly into the system for "hit" capabilities.

Question: Section: **ID#030:** Is this requirement referring to OCR equivalences when matching against a hotlist? Meaning that when we read a O, we will also Match a 0 or a Q

Response: Yes.

Question: Section: **ID#035:** Is the PD looking to only have a web browser interface or can the ALPR Supplier provide both a web interface and a thin client

Response: Both web interface and a thin client are acceptable; a web interface is the preferred UI.

Question: Section: **ID#49:** What are the Makes and Model numbers of Light Bars that on the vehicles the PD will be using on their Patrol vehicles?

Response: The brand is Tomar. The make is the Scorpion series. The model is 940L.

Question: Section: **ID#059:** What are the different monitoring modes that the PD is requesting?

Response: An example would be if an officer wanted to change from a zoomed-in mode to a wide view mode that would include the vehicle in full view with color. This is a preferred requirement.

Section: ID#82: For on premise deployment, the solution shall use the Amazon Simple Storage Service (S3) application programming interface (API)

Question: Please describe the requirement for the on premise solution using the Amazon Simple Storage Service. How much data would be stored onsite? Is the city open to using servers or virtualization onsite? Is the city open to use other hosting providers other than Amazon?

Response: The current APD storage infrastructure provides an on premise implementation of the Amazon Simple Storage Service (S3) protocol to facilitate storing large amounts of data within our secure data centers. The data retained on-site will depend upon the proposed solution and whether it is architected as on premise or hosted. The City of Austin will require that if the data is stored off-site, it be available for use and queries, as required. The City of Austin would prefer virtual servers and may entertain other hosting providers, but they must be CJIS certified host services and will require further discussion.

Section: ID#088: The system shall provide all of the following live, simultaneous video display of data (including Notes if exist) for a minimum of two (2) cameras as selected by the User:

- ** The IR License Plate Image
- ** The license plate interpretation or system read
- ** A corresponding color overview image of the vehicle displaying the captured IR license plate
- ** The captured date and time by the System.
- ** Identification of the Camera capturing the image
- ** The GPS Coordinates for every license plate captured by the system

Question: Is the PD asking to display 2 hits on the same screen side by side? Can the ALPR supplier provide the hits stacked where a user selects which hit to see with all the information?

Response: When multiple cameras are in use, officers should be able to view at least two cameras on the display.

Question: Section: ID#089: Can the ALPR solution have 4 cameras running with all feeds coming in on the same window?

Response: Yes.

Section: ID#092: The system shall have the ability to add information/notes into the ALPR system on the MDC after the initial upload (not to modify the data)

Question: Please describe this requirement. Please clarify if this is required for a read or a hit. Can the additional information be added before upload on a hit?

Response: A read or a hit. The additional information could be added before the upload on a hit- This has been changed to a preferred requirement.

Question: Why does the POC (proof of concept) need to be 3 vehicles and not 1?

Response: Please note that the POC will only be required after award.

Question: Who's paying for this POC?

Response: The POC will be a part of the negotiated contract with the awarded vendor.

Question: How will the cars connect to the Austin PD server?

Response: Please note that the POC will only be required after award. This information will be finalized in conjunction with the awardee and City of Austin.

Question: Do the POC vehicles have a cellular card and will we be able to use this to connect to server?

Response: Yes, vehicles with a laptop computer installed have a Verizon broadband modem imbedded in the PC. An evaluation of the solutions bandwidth needs will determine if a connection can be made. The product should be designed to operate independently if needed. **(Please note that the POC will only be required after award. This information will be finalized in conjunction with the awardee and City of Austin.)**

Question: Can the POC vehicles to be set up via magnet mount cameras and cables strung externally?

Response: For permanent vehicle installations the solution will require fixed mount brackets and proper internal cable runs. **(Please note that the POC will only be required after award. This information will be finalized in conjunction with the awardee and City of Austin.)**

Question: What is the model of the light bar in use on police patrol vehicles?

Response: The brand is Tomar. The make is the Scorpion series. The model is 940L.

Section: **ID#82:** For on premise deployment, the solution shall use the Amazon Simple Storage Service (S3) application programming interface (API)

Question: Please confirm the servers and possible hosted model by Amazon will be per Austin PD.

Response: The requirement is that any on premise software that is deployed, should be able to use the S3 object storage protocol to store data to an on premise object storage system that is owned by and maintained by the City of Austin.

Question: How will the trailer mounted camera connect to the server?

Response: The City of Austin expects the portable trailer device to be a turnkey solution. It should be a product that is designed, supplied, built, or installed fully complete and ready to operate.

Question: How will the trailer mounted camera get powered?

Response: The City of Austin expects the portable trailer device to be a turnkey solution. It should be a product that is designed, supplied, built, or installed fully complete and ready to operate.

Question: Can we get information on your proposed trailer? i.e., generator, solar powered, both, available power, pictures etc.....?

Response: The City of Austin expects the portable trailer to be provided by the awarded vendor. The device will need to be a turn-key solution. It should be a product that is designed, supplied, built, or installed fully complete and ready to operate.

Question: What is the project scope outside of POC?

Response: Deployment strategies will be determined based upon provided cost determinations and identified strategies.

Question: Is there any kind of wireless infrastructure in place?

Response: A solution should not be designed around 802.11 wireless; however, commercial data carriers are acceptable.

Question: If so, is any of this accessible to our use?

Response: A solution should not be designed around 802.11 wireless; however, commercial data carriers are acceptable.

Question: What model MDT's and spec's are in the vehicles, and or POC vehicles?

Response: Panasonic Toughbook CF-30A Series
Panasonic Toughbook CF-31A Series
Panasonic Toughbook CF-31J Series
Panasonic Toughbook CF-31S Series
Panasonic Toughbook CF-31W Series

Question: Is there a VPN in connection in the vehicle to communicate to the server? Please expand on the communication options.

Response: Netmotion is used in vehicles.

Section: Requirement **ID#027:** The system shall provide the system Administrator with the ability to import national and local databases.

Question: Are the databases referred to for Hotlists? Please explain where this data will be stored and how the vendor will have access to it.

Response: Primarily this is the TCIC/NCIC database. City of Austin requests to be able to input vehicles of interest directly into the system for "hit" capabilities.

Section: Requirement **ID#030:** The system shall provide a "Rules" Feature whereby the system Administrator can define license plate numbers and/or characters that can be interpreted in different variations or "rules."

Question: Is this requirement referring to OCR equivalences when matching against a hotlist? Meaning that when we read a O, we will also Match a 0 or a Q

Response: Yes.

Section: Requirement **#059:** The camera configuration shall be capable of switching from one monitoring mode to another via the software application by merely "pressing" the corresponding On-Screen Function Button.

Question: What are the different monitoring modes that the PD is requesting? Please describe this requirement.

Response: An example would be if an officer wanted to change from a zoomed-in mode to a wide view mode that would include the vehicle in full view with color. This is a preferred requirement.

Section: **ID#82:** For on premise deployment, the solution shall use the Amazon Simple Storage Service (S3) application programming interface (API)

Question: Please describe the requirement for the on premise solution using the Amazon Simple Storage Service. How much data would be stored onsite? Is the city open to using servers or virtualization onsite? Is the city open to use other hosting providers other than Amazon?

Response: The current APD storage infrastructure provides an on premise implementation of the Amazon Simple Storage Service (S3) protocol to facilitate storing large amounts of data within our secure data centers. The data retained on-site will depend upon the proposed solution and whether it is architected as on premise or hosted. The City will require that if the data is stored off-site it be available for use and queries, as required. The City would prefer virtual servers and may entertain other hosting providers, but they must be CJIS certified host services and will require further discussion.

Section: Requirement **ID#088:** The system shall provide all of the following live, simultaneous video display of data (including Notes if exist) for a minimum of two (2) cameras as selected by the User:

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** The captured date and time by the System.

** Identification of the Camera capturing the image

** The GPS Coordinates for every license plate captured by the system

Question: Please clarify this requirement. Is the PD asking to display 2 hits on the same screen side by side or in a stacked mode so they can view each hit independently.

Response: When multiple cameras are in use, officers should be able to view at least two cameras on the display.

Section: Requirement ID #092: The system shall have the ability to add information/notes into the ALPR system on the MDC after the initial upload (not to modify the data)

Question: Please describe this requirement. Please clarify if this is required for a read or a hit. Can the additional information be added before upload on a hit?

Response: A read or a hit. The additional information could be added before the upload on a hit- This has been changed to a preferred requirement.

Question: Concerning fixed cameras, will the City schedule a site review for all potential vendors, facilitated by a City representative? It would be beneficial if vendors could see the locations where fixed camera systems are to be located, as well as which lanes the City would like covered.

Response: This will occur with the selected vendor during the negotiation phase prior to fixed camera installations.

Question: Regarding the request under "Proposal Format" letter D, the City requires "a minimum of three (3) customer references, which are operating a fully functional system of similar scope and magnitude as described in the RFP." In order to provide customer references operating similar systems, can the City please provide the number of units to be installed?

Response: APD consists of approximately 1800 officers and the City population is approximately 1 million residents.

Question: Concerning fixed cameras, who is responsible for obtaining any required approvals and permits for the installation of the fixed ALPR camera systems, particularly on public roads, bridges and private property (if applicable)?

Response: This will be a collaborative effort between the awarded vendor, City of Austin and the owner(s) of the structures where the cameras will be mounted.

Question: Will the City of Austin provide a 120-volt power source that can be easily accessed to run electrical to each termination box for the fixed cameras? Is this covered under City of Austin's responsibilities?

Response: City of Austin light poles provide 208 VAC for power. The solution provided by the vendor will need to operate within that range. For developed and undeveloped sites the vendor will be responsible for the complete installation including traffic control.

Question: What type of data communications service (cable, Point to Point, air card) will Austin prefer for sending data from fixed ALPR cameras to the Austin server? Does existing network connectivity already exist? Is this covered under the City of Austin's responsibilities?

Response: The only preference the city has is that the solution has no recurring costs. There is no guarantee of a network connection at pre-existing sites. For undeveloped sites the vendor will be responsible for the complete installation.

Question: Will the City of Austin be supplying all of the trailers on which ALPR systems are to be mounted? Will the vendor have to supply the trailers? Does the City wish to place the systems on radar trailers or another type of trailer? How much power should the trailers have, or how long does the City expect the trailers to function before recharging?

Response: The City of Austin expects the portable trailer to be provided by the vendor. The device will need to be a turnkey solution. It should be a product that is designed, supplied, built, or installed fully complete and ready to operate. The City will be interested in placing the system on a radar or another type of trailer. The solution should be able to provide 3-5 days of continuous use.

Question: Regarding portable trailers, will the City supply the air card for connectivity back to the server or use some other type of connectivity?

Response: The City of Austin expects the portable trailer device to be a turnkey solution. It should be a product that is designed, supplied, built, or installed fully complete and ready to operate.

Question: How many lanes of traffic does the City expect to cover with the camera or cameras on a given trailer?

Response: As many as the technology will support.

Question: Section: 3.2, item 2 (page 5) of the RFP states that the selected vendor shall submit the equipment and implementation services required for "Portable, fixed on trailer solution (to include power, back-up power, and required grounding and transport)." Can the City please elaborate on the meaning of "to include power, back-up power and required grounding and transport" in both of these cases?

Response: Power means the capability to provide a shore power connection to operate or charge the device. Back-up power is the storage device such as batteries or power cells. Grounding needed to provide protection to the device. Transport refers to the network transport connection required for the device to communicate back to the server.

Regarding ALPR Technical Requirement #014: The back end system shall provide the ability to exchange database information using industry accepted standard and format including XML

Question: can the City please elaborate on the type of database information it intends to exchange?

Response: All reads should be able to be exchanged.

Regarding ALPR Technical Requirement #017: The system shall provide the following database features:

- ** Simultaneous access to data by concurrent users
- ** Row level locking
- ** Automatic query optimization (e.g. indexing)
- ** Views
- ** Multiprocessor query execution

Question: can the City please explain their reason for requiring row level locking?

Response: Row is locked for writing to prevent other users from accessing data while it is being updated.

Regarding ALPR Technical Requirement #026: The system shall provide the ability to assign priorities to the various databases utilized by each police agency.

Question: what type of priorities does the City wish to assign to the different databases? Can the City offer an example?

Response: Top priority - stolen vehicles, lesser priority - person of interest.

Regarding ALPR Technical Requirement #027: The system shall provide the system Administrator with the ability to import national and local databases.

Question: what types of national and local databases does the City intend to import?

Response: Primarily this is the TCIC/NCIC database. City of Austin requests to be able to input vehicles of interest directly into the system for "hit" capabilities.

Regarding ALPR Technical Requirement #055: The integrated color and infrared LPR cameras shall not emit any visible light from infrared illuminators.

Question: Is the City referring to white light? Please clarify.

Response: Most standard IR LED's operate as 850nm emitters that produce a red glow. The newer IR LED's operate in the 940 – 950nm range and do not emit a red glow.

Question: Regarding the forms included in the RFP, including "Attachment A: Cost Proposal" will the City provide Work or Excel files that are editable to the vendor in order to submit a response?

Response: Yes. This is provided in the amendment.

Question: Are there any federal funds involved in this purchase? (55. BUY AMERICAN ACT-SUPPLIES (Applicable to certain federally funded requirements.))

Response: No federal funds are anticipated at this time.

Question: Given the complexity of the City's requirements and the challenge of preparing a thorough response during the holiday season, would the City consider extending its due date by another two weeks?

Response: Yes. This is provided in the amendment.

6. ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.

BY THE SIGNATURES affixed below, this Addendum is hereby incorporated into and made a part of the above-referenced Request for Proposal.

APPROVED BY:



Jonathan Harris, Sr. Buyer Specialist
Purchasing Office

Jan. 22, 2015
Date

ACKNOWLEDGED BY:

Vendor Name

Authorized Signature

Date

RETURN ONE COPY OF THIS ADDENDUM TO THE PURCHASING OFFICE, CITY OF AUSTIN WITH YOUR RESPONSE OR PRIOR TO THE SOLICITATION CLOSING DATE. FAILURE TO DO SO MAY CONSTITUTE GROUNDS FOR REJECTION.