CITY OF HOUSTON

Annise D. Parker
Mayor

P.O. Box 1562
Houston, Texas 77251-1562

Telephone - Dial 311
www.houstontx.gov
http://purchasing.houstontx.gov

August 7, 2013

SUBJECT: Letter of Clarification No. 3 In Car Video Camera Solution for the Houston Police Department

REFERENCE: Request for Proposal No. S17 – T24541

TO: All Prospective Proposers:

This Letter of Clarification is issued for the following reasons:

- **To revise the above referenced solicitation as follows:**

1. Page 34, 2.0 Selection Process, Section 2.1.1. shall be revised to read as follows:
   2.1.1 Conformance to RFP Requirements ~~45%~~ 40%. Remove Page 34 and replace with attached Page 34 marked Revised – August 7, 2013

2. Page 34, 2.0 Selection Process, Section 2.1.3. shall be revised to read as follows:
   2.1.3 Financial Strength of Offeror ~~10%~~ 5%. Remove Page 34 and replace with attached Page 34 marked Revised – August 7, 2013

- **The attached questions and City of Houston responses are hereby incorporated and made a part of the Request for Proposal:**

When issued, Letter(s) of Clarification shall automatically become a part of the proposal documents and shall supersede any previous specification(s) and/or provision(s) in conflict with the Letter(s) of Clarification. All revisions, responses, and answers incorporated into the Letter(s) of Clarification are collaboratively from both the Strategic Purchasing Division and the applicable City Department(s). It is the responsibility of the proposers to ensure that it has obtained all such letter(s). By submitting a proposal on this project, proposers shall be deemed to have received all Letter(s) of Clarification and to have incorporated them into this proposal.

If you have any questions or if further clarification is needed regarding this Request for Proposal, please contact me.

Murdock Smith III

Murdock Smith III
Senior Procurement Specialist
Strategic Purchasing Division
832-393-8725

Attached: Revised Page: 34, Vendor Questions and Responses

EVALUATION AND SELECTION PROCESS
SOLICITATION NO.: S17-T24541

1.0 EVALUATION SUMMARY:

1.1 An evaluation committee will develop a short list of Offeror(s) based upon the initial review of each Proposal received. The short listed Offeror(s) may be scheduled for a structured oral presentation, demonstration and/or interview. Such presentations will be at no cost to the City of Houston. At the end of the oral presentation, demonstration and/or interview, the evaluation of the short listed Offeror(s) will be completed. However, the evaluation committee reserves the right to issue letter(s) of clarity when deemed necessary to any or all Offeror(s). The oral presentations, demonstrations and/or interview may be recorded and/or videotaped.

2.0 SELECTION PROCESS:

2.1 The award of this contract(s) will be made to the respondent(s) offering the response which best meets the needs of the City. The City may make investigations, as it deems necessary, to determine the capabilities of the Offeror(s) to create, modify and implement the required application modules. The Offeror(s) shall furnish to the City such data as the City may request for this purpose. The City reserves the right to reject any offer if the evidence submitted by or the investigation of the Offeror(s) fails to satisfy the City or the Offeror(s) is deemed unqualified to provide the services contemplated. Each Proposal will be evaluated on the basis of the following evaluation criteria that are listed in order of importance below:

2.1.1	Conformance to RFP Requirements	~~45%~~ 40%
2.1.2	Cost	40%
2.1.3	Financial Strength of Offeror	~~10%~~ 5%
2.1.4	Expertise/Experience/Qualifications	10%
2.1.5	M/WBE Participation	5%

* Hire Houston First Preference Points (City Business = five (5) extra percentage points or Local Business = three (3) extra percentage points and Non-City and Non-Local Business will receive zero (0) extra percentage points).

REMAINING PORTION OF PAGE INTENTIONALLY LEFT BLANK

No.	Vendor Question	City of Houston Response
1	The last sentence states that Contractors can provide alternatives "provided they meet or exceed the quality of the requirements listed". So it appears that the subsequent requirements listed in the RFP are not optional guidelines, but in fact are minimum requirements. Will the wording the RFP Section 1.0 Background, item 1.5 be modified to make the minimum requirements changed into optional suggested capabilities?	No.
2	Will the list of requirements included in this RFP all be incorporated into the purchase contract?	Not determined at this time.
3	Will the winning contractor be in breach of contract if any of the requirements listed in the RFP are not "met or exceeded" by the contractor's hardware and software solution?	The contract has not been written.
4	What criteria will be used to determine what is "minimal direct action" by the officer?	Fewest actions by an officer.
5	What criteria will be used to determine "ease of use" by the officer?	Fewest actions by an officer.
6	What is the existing Mobile Data Computer (MDC) in the vehicles? Please provide specifications	Getac B300, 4GB RAM, 128 GB SSHD.
7	Is the same model of MDC installed in all vehicles?	Yes.
8	If different models of MDC in the 250 vehicles, can an inventory of MDC types by vehicle be provided?	All the Same.
9	What criteria will be used to determine automatic recording? Light Bar Activation? Siren Activation, Vehicle Speed threshold of x miles per hour? Radar System Activation? Removal of weapon from storage rack? Other?	Yes to all.
10	How does Houston PD define "Emergency Equipment Activation" as listed in section 3.3?	Turning it on.
11	How should the system alert the officer that it is recording? What methods of alert does Houston require?	Any visable notification.
12	Does the solution require an internal database on the local system to be installed in the 250 vehicles?	No.
13	Does the solution require an internal database in a centralized database server that has Digital MultiMedia Evidence (DME) uploaded from each vehicle?	Yes.
14	Does all DME from all vehicles need to be copied to all other vehicles so that any officer has access to "all video information" for current and future analysis and/or action?	No.

15	If all DME from all vehicles does have to be copied to all other vehicles, how long after DME is captured does it have to be available on all other vehicles?	N/A.
16	Is GPS metadata included in the DME as a minimum requirement assumed to include date and time as well as location latitude and longitude?	Yes.
17	Can the vendor assume the car video solution will always capture and store Digital MultiMedia Evidence (DME) of at least one track of video, at least one track of audio, and associated metadata such as GPS date/time and location, Light Bar Activation Speed of Vehicle, Emergency Equipment activation, and other metadata about the video and audio in one integrated data stream?	Yes.
18	Can User defined violation types include case #, gender, and race? Not clear how these are violation types	Not Gender, Case# or race.
19	Reporting integrity can be compromised if Users can change violation types. Is a "User" a Houston PD video system administrator, or is a "User" an individual police officer in the vehicle?	Selecting the violation type only. User is a police officer.
20	Does the system have to maintain an audit trail log of each instance where a User has defined or entered a User Defined Violation type?	No. User will not be changing violation definitions. Just making selections.
21	Is there any validation to be performed on User Defined Violation types?	No. User will not be changing violation definitions. Just making selections.
22	Is there a limit to the number of User Defined Violation types that can be entered?	User will not be changing violation definitions. Just making selections.
23	Does the recorder and power modules have to be separate components? Can they be one component?	No, Yes.
24	Does data storage have to be removable?	Yes, if it needs to be replaced.
25	Does Houston PD want the officer in the vehicle to have the option of turning off the record indicator light? To have the option to not have citizens at the scene also be able to observe that the system is recording?	Yes, yes
26	Does Fast Forward have to only be 2X? Would Houston PD want the option for 4X or 8X fast forward?	No, Yes.
27	Is there a minimum number of status indicators?	No.
28	Please describe why Houston PD needs two ticket number fields	We have this in our exsisting system.
29	Is the Houston PD Officer ID number different than the Employee number?	No.
30	Is the officer ID number the badge number?	No.
31	If not, does there need to be a separate field for badge number?	No.

32	What does Houston PD consider to be "Emergency Equipment"?	The entire police vehicle.
33	Which radar manufacturers MUST be supported?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
34	What are the hardware port formats the video recorder MUST support?	All.
35	Is there a minimum GPS reporting frequency that Houston PD is expecting?	No.
36	Can a vendor report GPS position based upon vehicle events? Events could include Starts, Stops, Distance, Turns, Speed threshold, Heartbeat as parameters that define a very exact breadcrumb audit trail of travel without overwhelming the system with a flood of GPS data.	Yes.
37	Should the mapping system display different icons for vehicle starts, stops, turns, and other GPS events?	Please see section 1.5 on page 15 of the RFP.
38	What are the "chain of custody requirements and restrictions for editing video with additional bookmarks after the video has been recorded?	A log of all events.
39	What is the minimum/maximum size text field for officer comment bookmarks?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
40	What resolution of snapshot is required?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
41	What electronic formats are acceptable for the wiring diagrams?	A Visio drawing.
42	Is celerity defined as any minimum number of hours or days of response time?	Rapidity of motion or action.
43	Is Houston PD expecting the vendor to have a support person on site at Houston PD 24 hours per day, 365 days per year?	No.
44	Should on-site 24 x 365 support be included in the bid price? If this is the expectation, but some vendors do not include the cost of the 24 x 365 support, there will be a major discrepancy in proposal prices, and the vendors who do include this extra cost will be unfairly negatively scored on the price proposal.	This is covered in Section 10.0 Warranty and Licensing.
45	Is there a minimum response time?	This is covered in Section 10.0 Warranty and Licensing.
46	Will Houston PD allow the vendor to train Houston PD radio shop employees to do equipment change outs if needed?	Yes if certified by the vendor.
47	Even though the RFP says the vendor will perform all warranty de-installs/re-installs?	Yes if certified by the vendor.
48	Will the vendor have 24 x 7 access to all fleet vehicles to deliver 24 x 365 support?	No.

49	Will Houston PD provide office space/supplies warehouse space for 24 x 365 on-site support personnel?	No.
50	Does the same company who provides the solution also have to perform the system installation?	Or their sub contractor.
51	Ingress Protection Rating 68 requires that equipment operate under more than one meter of water, Is there a Houston PD vehicle that will operate under more than 1 meter of water? If so, what is that vehicle?	No.
52	Does Houston PD plan to install the video system on motorcycles, boats, helicopters, and/or airplanes in addition to patrol cars, where the hardware may be directly exposed to water?	Not determined at this time.
53	What is the business situation or location that would require the video camera solution to be installed in water more than 1 meter deep, thereby requiring an IP68 rated enclosure?	Hurricane or heavy rain floods.
54	Does Houston PD plan to install video system units in fixed locations that will be exposed to weather?	No.
55	Does Houston PD plan to install video system units in fixed locations that might be submerged under more that 1 meter of water during a hurricane storm surge?	No.
56	Is the vendor for this solution being asked to build or expand the Houston city data network used to transfer video data from vehicles to the back-end video file server(s)?	This was only a knowledge based question. Are you capable of doing this type of work. yes or no.
57	What does the term "accommodate" mean in the context of this RFP?	Fit in with the wishes or needs of. This was only a knowledge based question. Are you capable of doing this type of work. yes or no.
58	Is the vendor expected to manage the on-going operation of a citywide data network, digital video upload stations, and/or video storage file servers after the system becomes operational?	No.
59	Will the vendor be provided with all system and network access credentials, and physical access to all networking cabling, switches, and other hardware on an unrestricted 24 x 365 basis?	No.
60	What will be the role of the City of Houston Networking group in the implementation design?	Done.

61	What will be the role of the City of Houston Networking group in the implementation rollout?	Done.
62	Will the City of Houston Networking team pull ethernet and fiber cable as directed by the vendor to meet upload performance minimums?	Yes If needed.
63	Alternatively, will the vendor be provided with access to the existing City of Houston network specifications and design, and be provided with network access to identify and determine what additional network cabling and/or equipment will be required to meet upload performance minimums at least two weeks before the RFP due date?	No.
64	Is the vendor expected to include the cost of all network enhancements required for upload performance minimums in their Bid Response?	No.
65	What is the expected maximum number of vehicles that can be expected to be simultaneously uploading DME at a upload access point?	10 to 20.
66	Are there any minimum performance requirements for concurrent video upload from a minimum number of vehicles in a police station parking lot? Examples might be 10 or 20 vehicles simultaneously uploading video at a single location at the end of a shift.	10 to 20
67	Is there any requirement for the system to do automatic load balancing between file upload access points located within range of each other at a Houston PD facility location?	Yes.
68	Will Houston PD be willing to purchase one or more specialized video upload access point hardware units to meet upload maximum simultaneous upload times?	If it is part of your proposal.
69	Will Houston PD commit to purchasing the vendor recommended number of access point hardware units per upload access point, base upon the projected number of vehicles simultaneously uploading video at the access location?	If it is part of your proposal.
70	What format of product training for officers is expected by Houston PD? Classroom Lecture Training? Com0puter-Based Training?	Classroom.
71	If classroom training is to be provided, what is the maximum and minimum class size?	10 to 30.
72	Is there a maximum class training duration in terms of hours or days per officer?	8

73	Does Houston PD have a standard Computer-Based Training (CBT) development/delivery environment that CBT must be delivered in?	No.
74	Will certain police groups (DUI, Traffic, SWAT, Internal Affairs, other) receive all 250 units, or will the hardware be installed across a range of all types of Houston PD vehicles?	Traffic and Patrol only at this time. There could be more.
75	Are patrol cars assigned to officers, where they have the same vehicle on every shift? Or are cars "hot seated" and shared by multiple officers on rotating 3 shifts per day? Where the officer may have a different patrol car for each shift? For 250 systems to be installed in Houston PD vehicles, how many Officers will need to be trained?	Yes. Yes. 250 to 300.
76	For 250 systems to be installed in Houston PD vehicles, how many Supervisors, Command Staff, Internal Affairs, Trainers, City Prosecutors, and other types of Users will need to be trained?	10 supervisors.
77	Will the 250 systems only be installed in Patrol Cars? Or will they be installed in a variety of patrol cars, command vehicles, and other types of vehicles?	Yes. No.
78	Will all training be delivered Monday - Friday between 8:00am and 5:00pm?	Yes.
79	Will training need to be delivered outside of standard Monday - Friday business day hours of 8:00am to 5:00pm?	No.
80	How many locations will training need to be delivered?	3
81	What are the locations where training will need to be delivered?	Central, Midwest and Westside.
82	Will Houston PD provide the training classroom space for all training? Or does the vendor need to include the cost of renting classroom training space in their proposal?	Yes
83	Can the vendor use Houston PD video equipment hardware and set up test systems in the training classroom for system training? Or should the vendor plan to include the cost of providing additional hardware and software beyond the 250 units that Houston PD is purchasing to deliver training?	Yes. And no.
84	Will Houston PD provide a number of vehicles with the video system installed to the training team, so that the training will include hands on training and practice with Houston PD vehicles?	Depends on how many you need for training.
85	Will Houston PD allow hand-on training in Houston PD vehicles to be conducted at Houston PD video upload locations? Or will the vendor need to include the cost of setting up video upload stations at an off-site location and vehicles with the system installed to practice using the system as part of the training process?	Depends on how many you need for training.
86	Will Houston PD allow the uploading of test video, audio, and metadata to production video servers on the Houston PD network? If so, will Houston PD provide the networking and database administration resources necessary to purge the test files off the production video servers at the end of each training class?	Yes. Yes.

87	Will the vendor training team have unrestricted access to the training locations during the training period?	Yes.
88	Will Houston PD provide staff to manage the scheduling of officers to attend training?	Yes.
89	Does the vendor need to include the cost of staff to manage the scheduling of officers to attend training classes?	No.
90	What additional training capacity factor should the vendor use for training no-shows? That is, Officers re-assigned to other duties, unscheduled time off, work injuries, and other reasons that would cause them to miss their assigned training class.	Provide for (1) makeup class in your proposal.
91	Should the vendor include a daily per diem rate for trainers to provide additional training classes of all officers are not trained because they missed all the scheduled training classes? The officers do not work for the vendor, so the vendor has no way to force attendance at the classes.	Please refer to Page 29, See section 13.0 Travel Arrangements.
92	Should the vendor plan training capacity of the number of officers plus 20% additional training slots for no-shows, conflicts, and other inevitable reasons why an officer scheduled for training might miss the training?	No.
93	Should the vendor include travel expenses for training delivery personnel at cost as an additional charge, or should the daily training delivery personnel billing rate be inclusive of all travel expenses?	Please refer to Page 29, See section 13.0 Travel Arrangements.
94	What Video Export media does Houston PD plan to use? DVD, CD, VHS Tape, Other? The training class needs to include Video Export procedure training for which of these media? All of them?	All of them.
95	Will Houston PD provide access to the DVD, CD, VHS, or other export media and systems to be used during the training class? Or should the vendor include the cost of providing and setting up one or more of these video export media in the RFP bid?	Yes If required.
96	What other training activities must be included in addition to the ones listed in the Solicitation?	None.
97	Should the vendor include a contingency cost and schedule factor for providing additional training that has not yet been identified in their bid amount?	Yes If you believe it will be required.
98	What format of product training is expected by Houston PD? Classroom Lecture Training? Computer-Based Training? If classroom training is to be provided, what is the maximum and minimum class size?	Classroom.
99	How many Technology Services Command Technicians will need to be trained?	10 to 15.
100	Will all training be delivered Monday - Friday between 8:00am and 5:00pm?	10 to 15.
101	Will training need to be delivered outside of standard Monday - Friday business day hours of 8:00am to 5:00pm? How many locations will training need to be delivered?	Yes.
102	Will Houston PD provide the training classroom space for all training? Or does the vendor need to include the cost of renting classroom training space in their proposal?	No.

103	Will Houston PD provide computer workstations in the training classroom for all training? Or does the vendor need to include the cost of renting classroom training computers in their proposal?	Yes if required.
104	Can the vendor use Houston PD video equipment hardware and set up test systems in the training classroom for system training? Or should the vendor plan to include the cost of providing additional hardware and software beyond what Houston PD is purchasing to deliver training?	Yes if required.
105	Will Houston PD provide a number of vehicles with the video system installed to the training team , so that the training will include hands on training and practice with Houston PD vehicles?	Yes.
106	Will Houston PD allow hand-on training in Houston PD vehicles to be conducted at Houston PD video upload locations? Or will the vendor need to include the cost of setting up video upload stations at an off-site location and vehicles with the system installed to practice using the system as part of the training process?	Yes. It depends on the quantity.
107	Will Houston PD allow the uploading of test video, audio, and metadata to production video servers on the Houston PD network? If so, will Houston PD provide the networking and database administration resources necessary to purge the test files off the production video servers at the end of each training class?	Yes.
108	Will the vendor training team have unrestricted access to the training locations during the training period?	Yes.
109	Will Houston PD provide staff to manage the scheduling of Command Technicians to attend training?	Yes.
110	Does the vendor need to include the cost of staff to manage the scheduling of Command Technicians to attend training classes?	No.
111	What additional training capacity factor should the vendor use for training no-shows? That is, Command Technicians re-assigned to other duties, unscheduled time off, work injuries, and other reasons that would cause them to miss their assigned training class.	Please refer to page 28, Section 9.0 Training.
112	Should the vendor include a daily per diem rate for trainers to provide additional training classes of all Command Technicians are not trained because they missed all the scheduled training classes? The Command Technicians do not work for the vendor, so the vendor has no way to force attendance at the classes.	Please refer to Page 29, See section 13.0 Travel Arrangements.
113	Should the vendor plan training capacity of the number of Command Technicians plus 20% additional training slots for no-shows, conflicts, and other inevitable reasons why an officer scheduled for training might miss the training?	Please refer to page 28, Section 9.0 Training.
114	Should the vendor include travel expenses for training delivery personnel at cost as an additional charge, or should the daily training delivery personnel billing rate be inclusive of all travel expenses?	Please refer to Page 29, See section 13.0 Travel Arrangements.

115	What Video Export media does Houston PD plan to use? DVD, CD, VHS Tape, Other? The training class needs to include Video Export procedure training for which of these media? All of them?	All of them.
116	Will Houston PD provide access to the DVD, CD, VHS, or other export media and systems to be used during the training class? Or should the vendor include the cost of providing and setting up one or more of these video export media in the RFP bid?	Yes as required.
117	What other training activities must be included in addition to the ones listed in the Solicitation?	None.
118	Should the vendor include a contingency cost and schedule factor for providing additional training that has not yet been identified in their bid amount?	Please refer to page 28, Section 9.0 Training.
119	What format of product training is expected by Houston PD? Classroom Lecture Training? Computer-Based Training? If classroom training is to be provided, what is the maximum and minimum class size?	Classroom
120	How many Fleet Technicians will need to be trained?	15 to 20.
121	Will all training be delivered Monday - Friday between 8:00am and 5:00pm?	Yes.
122	Will training need to be delivered outside of standard Monday - Friday business day hours of 8:00am to 5:00pm? How many locations will training need to be delivered?	No.
123	Will Houston PD provide the training classroom space for all training? Or does the vendor need to include the cost of renting classroom training space in their proposal?	Yes.
124	Will Houston PD provide computer workstations in the training classroom for all training? Or does the vendor need to include the cost of renting classroom training computers in their proposal?	Yes if required.
125	Can the vendor use Houston PD video equipment hardware and set up test systems in the training classroom for system training? Or should the vendor plan to include the cost of providing additional hardware and software beyond what Houston PD is purchasing to deliver training?	Yes.
126	Will Houston PD provide a number of vehicles with the video system installed to the training team , so that the training will include hands on training and practice with Houston PD vehicles?	Yes depends on quantity.
127	Will Houston PD allow hand-on training in Houston PD vehicles to be conducted at Houston PD video upload locations? Or will the vendor need to include the cost of setting up video upload stations at an off-site location and vehicles with the system installed to practice using the system as part of the training process?	Yes.
128	Will Houston PD allow the uploading of test video, audio, and metadata to production video servers on the Houston PD network? If so, will Houston PD provide the networking and database administration resources necessary to purge the test files off the production video servers at the end of each training class?	Yes.

129	Will the vendor training team have unrestricted access to the training locations during the training period?	Yes.
130	Will Houston PD provide staff to manage the scheduling of Fleet Technicians to attend training?	Yes.
131	Does the vendor need to include the cost of staff to manage the scheduling of Fleet Technicians to attend training classes?	No.
132	What additional training capacity factor should the vendor use for training no-shows? That is, Fleet Technicians re-assigned to other duties, unscheduled time off, work injuries, and other reasons that would cause them to miss their assigned training class.	Provide in your bid for a no show class.
133	Should the vendor include a daily per diem rate for trainers to provide additional training classes of all Fleet Technicians are not trained because they missed all the scheduled training classes? The Fleet Technicians do not work for the vendor, so the vendor has no way to force attendance at the classes.	Please refer to Page 29, See section 13.0 Travel Arrangements.
134	Should the vendor plan training capacity of the number of Fleet Technicians plus 20% additional training slots for no-shows, conflicts, and other inevitable reasons why an officer scheduled for training might miss the training?	Please refer to Page 29, See section 13.0 Travel Arrangements.
135	Should the vendor include travel expenses for training delivery personnel at cost as an additional charge, or should the daily training delivery personnel billing rate be inclusive of all travel expenses?	Please refer to Page 29, See section 13.0 Travel Arrangements.
136	What Video Export media does Houston PD plan to use? DVD, CD, VHS Tape, Other? The training class needs to include Video Export procedure training for which of these media? All of them?	All of them.
137	Will Houston PD provide access to the DVD, CD, VHS, or other export media and systems to be used during the training class? Or should the vendor include the cost of providing and setting up one or more of these video export media in the RFP bid?	Yes.
138	What other training activities must be included in addition to the ones listed in the Solicitation?	None.
139	Should the vendor include a contingency cost and schedule factor for providing additional training that has not yet been identified in their bid amount?	If You think you need to.
140	Shall the contractor include the cost of Back Office hardware in the proposal? Or just the installation of hardware that Houston PD will provide?	No.
141	What volumes (number of cars x GB of data per day x days/months/years retained) of Digital MultiMedia Evidence (DME) are expected to be collected and retained by Houston PD?	Depends on the offense,
142	What is the expected annual growth rate of DME to be collected each year?	30%.
143	If contactor shall include the Back Office hardware in the proposal, are there any existing Houston PD hardware standards or specifications that need to be met? If so, what are those standards?	No.

144	If contractor shall include the Back Office hardware in the proposal, are there any vendor limitations or preferences that need to be met? If so, what are those limitations or preferences?	No.
145	If contractor shall include the Back Office hardware in the proposal, what are the Houston PD on-line and off-line video, audio, and metadata data retention requirements?	No.
146	If contractor shall include the Back Office hardware in the proposal, What are the Houston PD standards or requirements for data redundancy for Disaster Recovery?	No.
147	Is there a set of Houston PD network architecture documentation that can be made available to each vendor to determine what network capacity and additional hardware will be required to support the Video Management system hardware?	Due to CJIS policy we cannot provide this information.
148	Will the vendor networking personnel be allowed access to the Houston PD network to do capacity testing and to validate the Houston PD network architecture documentation?	No. Due to CJIS policy we cannot provide this information.
149	Does Houston PD desire to have a centralized or decentralized video management storage architecture?	Already in place.
150	Is Houston PD willing to allow the vendor to propose either a centralized or decentralized video management storage architecture?	No.
151	If contractor shall include the Back Office hardware in the proposal, what is the available Houston PD networking throughput data transfer rates available from police stations to the central video management system?	No.
152	At what locations does Houston PD plan to install video upload access points?	Central, Midwest and Westside.
153	What is the available network capacity at each of the video upload access point locations to the locations(s) where Houston PD plans to locate the DME file servers to store the DME?	10/100mbps.
154	How many access pints does Houston PD expect to install at each of the locations where video upload will be performed?	130 wired at central and 2 wired at westside.
155	How may vehicles does Houston PD expect to support for simultaneous video upload at each of the locations?	10 to 20.
156	Does Houston PD assign vehicles to officers that they leave at a police station parking lot each day?	Yes.
157	Does Houston PD "hotseat" patrol cars on a 3 shift basis, where police cars are never parked at a police station parking lot between shifts?	No.
158	Do officers take patrol cars home after their shift?	Some working over time or on call.

159	Will officers be allowed or expected to upload video from WiFi access points at their homes after the end of a shift?	No.
160	Will all video upload from Houston PD vehicles only be allowed from Houston PD access points at various Houston PD facilities?	Yes.
161	What network concentrator capacity is needed - if any - on the Houston PD network to connect to video management system hardware in vehicles uploading from non-Houston PD access points?	None.
162	What remote network concentrator capacity is available to be used for remote upload of Digital MultiMedia Evidence (DME)?	None.
163	What are the upload performance requirements at each Houston PD video upload location? At peak upload times, what is the maximum time it should take to offload video from a Houston PD vehicle to the Access Point and then to a local or remote video storage server?	You should provide this infromation to HPD.
164	What is the maximum time (hours, days, hours or days after the end of a shift, other?) that is acceptable from the end of the shift where the DME is captured until the DME is uploaded to and registered with the central Video Management system software?	At the end of shift daily.
165	Can the vendor assume that Houston PD will not upload any DME over cellular data connections?	Yes.
166	Does Houston PD have existing disk capacity that can be used for Video Storage? If so, what is that disk capacity? Distributed at each police station, or centralized in a data center?	200TB.

167	What is the disk data storage capacity at each Houston PD data offload location?	Central Garage Server: Partition: Total Space: Free Space: Local C: 30GB 6.6GB Local D: 30GB 9.4GB Video Archive E: 2.0TB 1.6TB Hand-Off K: 350GB 349GB Server Information: MS Server 2003 Enterprise Edition – SR2 Quad-Core AMD 2.30 GHz, 12.0 GB RAM Central Server: HP 8 x Quad-Core AMD Opter WindowsServer2003Ent, SP 2.0 Memory: 12 GB C: 30.5 GB D: 30 GB E: 30 GB F: 100 GB G: 12 TB Westside Garage Server: Partition: Total Space: Free Space: Local C: 30GB 4.8GB Local D: 30GB 5.7GB Video Archive E: 4.0TB 3.78TB Video Archive F: 760GB 636GB Server Information: MS Server 2003 Enterprise Edition – SR2 Quad-Core AMD Opteron 2.30 GHz, 12.0 GB RAM
168	Does Houston PD have existing tape backup capacity that can be used for Video Storage? If so, what is that tape backup capacity? Distributed at each police station, or centralized in a data center?	No
169	What is the tape backup data storage capacity at each Houston PD data offload location?	N/A

170	What are the requirements for providing Video, Audio, and Metadata Digital MultiMedia Evidence (DME) distribution to third parties such as defense attorneys, public defenders, prosecutors, courts, and other third parties?	None
171	What formats of providing DME are required? CD disks? DVD disks? Other?	Yes
172	What is the Houston PD strategy for creating DME for third parties? Officers burn CDs at the end of shift? A dedicated clerical staff to burn CDs upon receipt of requests for DME?	Yes, Yes
173	How are the minimum required times to provide DME after it has been requested by a third party?	Please provide a more thorough question.
174	Does the hardware need to include CD Burner personal computers installed at one or more Houston PD locations?	No.
175	What locations will be required to burn CDs?	Central, Midwest and Westside.
176	Does Houston PD have one or more CD or DVD burner robots that can create DME for third parties?	No Robots.
177	If so, what is the make and model of the CD or DVD burner robots that Houston PD currently owns and will expect the vendor to support?	N/A.
178	If Houston PD has existing CD and/or DVD burner robots, where are these devices located and what percentage of their capacity is available to be used by the Video Management Back Office software?	N/A.
179	If Houston PD does not have CD or DVD burner robots, does the bid need to include CD or DVD burner robots as part of the hardware configuration?	No.
180	What are the requirements for streaming DME live over a cellular data connection to Central Dispatch?	You tell us.
181	What inbound network capacity at Central Dispatch is available to receive streaming DME live from vehicles during an incident, and route that live DME stream to a 911 Dispatcher workstation?	You tell us what we need.
182	Are there other City of Houston PD locations to which Houston PD wants the capability to stream live DME in addition to the 911 Dispatch center? Within Houston PD's network such as the Police Chief's office? Command Staff? Precinct Commander's office? Other locations?	Yes, possibly all.
183	Will Houston PD want the capability to stream DME to other city network locations such as the Mayor's office, Public Relations office, Fire Department, Public Works department, Homeland Security Department, and/or other departments? Will Houston PD want the capability to stream DME to outside agencies such as FEMA, ATF, National Guard, neighboring police departments, neighboring fire departments, EMS providers, and other third parties?	No.
184	Does Houston PD plan to have the capability to stream DME from a patrol car to a different patrol car or to a mobile command center during an incident?	Maybe to a mobile command center only.

185	Will the vendor installation staff have unlimited and full access to the Houston PD network, with security credentials for unlimited network access for configuration and testing, to install and test the Back Office hardware and software? If Vendor installation staff will not have unlimited and full access to the Houston PD network, who will the vendor installation staff need to work with to install and test the hardware?	Yes an no. The HPD Project manager.
186	Will the Houston PD networking staff be available to the vendor installation team on a 24 x 365 basis during the installation to support the installation and testing effort?	No.
187	If not 24 x 365 available, when will the Houston PD networking staff be available to the vendor to support the installation and testing effort?	M-F 8:00am to 5:00pm.
188	Will the Houston PD Networking staff be empowered to make network changes, and add network capacity as needed to meet the performance requirements for the DME management system?	No.
189	Does "provide the capability to copy a digital video file to other media" mean the vendor needs to include the cost of CD and/or DVD burner hardware in the proposal?	No.
190	How does Houston PD consider User Requirements will drive multiple methods to copy a video to CD/DVD? Please elaborate which User Requirements will determine which one of several methods to transfer DME to another Media such as CD or DVD.	As need based on the offense.
191	Which DME copy methods must the vendor support?	Please see section 1.5 on page 15 of the RFP.
192	Please elaborate which User Requirements will determine which one of several methods to transfer DME to another media such as CD or DVD.	As Needed based on the offense.
193	Are there other DME transfer media besides CD or DVD that must be supported?	Flash drive if possible. Please see section 1.5 on page 15 of the RFP.
194	What DME formats does Houston PD consider to be standard, non-proprietary formats?	Not your own format that cannot be viewed with out your software.
195	What validation process to verify the "Chain of Custody" that video has not been altered will be acceptable to Houston PD?	A log of all events.
196	Does the Windows software "Codes" to view video mean video .DLLs and other software modules that must be installed on the Windows Computer?	Yes.
197	Does Windows XP have to be supported?	Yes.
198	Does Windows Vista have to be supported?	Yes.
199	Does Windows 7 have to be supported?	Yes.
200	Does Windows 8 have to be supported?	Yes.
201	Does Houston PD have a schedule of when older versions of Windows will be retired from all Windows computers?	No.

202	Does Houston PD expect to users to be able to include DME metadata such as date/time, GPS position, employee number, Incident Number (case number), Event Type, Ticket Number, Driver's License Number, Violator Name, Violator address on DME that is exported to CD or DVD disks? Possibly with a DME viewer software that is also burned on the CD or DVD disk along with the DME video, audio and metadata files?	Yes.
203	How does Houston plan to address multiple video tracks (front facing camera, back facing camera, back seat camera), and multiple audio tracks (back seat microphone, front microphone, officer remote body-worn microphone) when burning on a CD or DVD disk? Which tracks need to synchronized with each audio track, and vice versa? Does the video burning software need to allow the user to determine which audio track to play when a video track is played?	This should be a function of your Back Office Software.
204	Will it be acceptable to Houston PD that Windows application software will have to be installed on each Windows computer to view DME files?	Yes if needed.
205	Will Houston PD provide the project management and software installation staffing to install DME viewing software on each Windows computer?	Yes if needed.
206	Will Houston PD provide the project management and software installation staffing to install updates to DME viewing software on each Windows computer when updates are made available by the vendor?	Yes if needed.
207	Does Houston PD expect the vendor to install DME viewing software on each Windows computer, and to include the cost of installing the DME viewing software on each Houston PD Windows computer?	Yes if needed.
208	Does Houston PD expect the vendor to provide on-site staff who will install updates to DME viewing software on each Windows computer?	Yes.
209	How many DME viewing software updates per year is Houston PD expecting to receive?	Tell us what your standard is.
210	Does Houston PD apply all Windows software and security updates to all Windows computers as soon as they are made available my Microsoft?	No. They are tested first then installed.
211	If not, what is the Houston PD strategy for applying software patches and updates to Windows computers?	They are tested first then installed.
212	Can the vendor assume that Houston PD will update every Windows computer that will be used for viewing video to the current version supported by Microsoft, and that Houston PD will apply .DLL and Security updates as necessary for vendor software to operate?	Yes.
213	What Anti-Virus and other security software has Houston PD installed on vehicle Windows Laptops?	MS Forefront.
214	What Anti-Virus and other security software has Houston PD installed on 911 Dispatch and other Windows computers?	MS Forefront.
215	Has Houston PD standardized on one Windows Anti-Virus software package? If so, which one?	MS Forefront.
216	Does Houston PD require users to apply Anti-Virus updates to all Windows computers as soon as they are released by the vendor?	No.

217	Will Houston PD modify standard Windows computer firewall software to allow firewall exceptions for DME viewing software as necessary for efficient and effective business operations?	Yes.
218	What video CODECs are installed on all Houston PD Windows computers?	Information not available.
219	Is there a minimum list of video CODECs that must be supported by the DME viewing software?	No.
220	Does Houston PD plan to view or desire to view DME on Linux computers, Android tablets, Apple iPad tablets, and other web browser devices?	No.
221	Does Houston PD allow users to "Bring Their Own Devices" for smart phone/tablet web browser access to Houston PD web browser apps?	No.
222	Will Houston PD allow authorized users to install DME viewing/burning software on home and other personally owned computers?	No.
223	Will the vendor be expected to provide remote trouble-shooting and support for home users and "Bring Your Own Device" (BYOD) authorized users? If so, how many remote home and BYOD devices will need to be supported? For how many years? How will the vendor be compensated for providing support for routine staff turnover of employee retirements, replacements, job transfers, and new hires? What annual staff turnover rate has Houston experienced in the past three years? Does Houston PD expect this annual staff turnover rate to materially change in the next five years? Does the vendor need to include on-site staffing to support this ongoing training and support effort in the RFP cost proposal? Alternatively, should the vendor include "train the Trainer" training in the cost proposal, with Houston PD providing on-going training for routine staff turnover?	No.
224	Can the vendor propose a Web Browser solution for viewing DME files?	No.
225	Which versions of the Internet Explorer web browser does Houston PD support?	Ver 9 at this time
226	Which versions of the FireFox web browser does Houston PD support?	No.
227	Which versions of the Chrome web browser does Houston PD support?	No.
228	Which versions of the Safari web browser does Houston PD support?	No.
229	Does Houston PD currently support or plan to support Apple Mac iOS applications for viewing DME? Burning DME?	No.
230	Does Houston PD currently support or plan to support Android applications for viewing DME? Burning DME?	No.
231	What CD/DVD burning software does Houston PD currently support?	HP standard.
232	Does the cost of the Houston PD preferred/standard Windows CD/DVD burning software need to be included in the RFP cost proposal?	Only if it is different than what is standard on the PC.
233	Do all Houston PD computers have CD drives that burn CDs?	Most
234	Do all Houston PD computers have DVD drives that burn CDs?	Most

235	If some Houston PD computers do not have CD or DVD burner derives, how does Houston want to handle burning DME onto CD/DVD disks if there is no CD/DVD burner drive on the local computer?	We will purchase or swap out the PC.
236	Does Houston PD have a network of central CD and/or DVD burner robots or remote drives where Users can direct the DME output to be burned on remote burners?	No Robots.
237	Does Houston PD plan to have a central clerical group who will burn all DME CD or DVD disks?	Yes in Traffice Enforcement.
238	Does Houston PD plan to have officers burn and distribute DME CD or DVD disks after each shift?	No.
239	How will DME CD or DVD disks get burned for third parties - Courts, Judges, Prosecutors, Defenders?	Designated divisionl burners.
240	Will Houston PD provide a web site and internet access so that authorized third parties can burn DME on their own computer CD or DVD disks as they need it? If so, who will establish and maintain access credentials so that only authorized user with a need to know, and not the general public, can login and view/burn DME?	No.
241	Will the third party access system provide audit trail logs and reporting of what DME was viewed and/or burned by each authorized user?	No access.
242	Have all Houston PD users been trained on how to direct DME output to a remote CD or DVD burner?	No remotes.
243	Do all Houston PD remote burner drives also burn labels on the disk so that the DME contents of the CD or DVD are readily identifiable when removed from the burner or robot?	Some do some do not.
244	How does Houston PD label CD or DVD disks with DME today?	Lables or markers.
245	Will Houston PD install CD/DVD burning software provided by the vendor on all Windows computers to view DME?	Please see section 1.5 on page 15 of the RFP. Not proprietary.
246	Will Houston PD provide training to all users in how to burn CD/DVD disks with requested DME?	Yes.
247	How will CD or DVD disks that are burned with DME be labeled? Should the local system automatically burn a label on the outside of the CD or DVD disk?	Date and Time stamp, file name subject etc. Please see section 1.5 on page 15 of the RFP.
248	If the local computer with a CD or DVD disk burner will not also burn a label on the outside of the disk providing information about the DME contained on the CD, how will that disk get labeled?	Marker.
249	Does Houston PD plan to encode or capsulate DME on a CD or DVD disk so that it is password protected from viewing and/or burning by unauthorized sources? If so, how will that security credential process work? Who will establish and maintain access security credentials? How will the access security credentials be distributed to the authorized users with a need to know?	No.

250	Does the current Houston CD or DVD local burning process include any audit trail reporting of who burned what DME on CD or DVD disks when and where? By User ID? By computer MAC address? Other	Yes. In the Back Office software.
251	Who will be authorized to burn CD or DVD disks with DME?	Designated Burners.
252	Should the proposal include an estimate for the cost of training all Houston PD staff authorized to burn DME on how to burn CD or DVD disks?	Should be part of your training.
253	Does Houston PD expect officers in vehicles to burn CD or DVD with DME while in their car? Does the in-vehicle hardware need to include a CD or DVD burner as part of the RFP price proposal?	No.
254	If an in-vehicle solution is desired, does Houston PD have a preference for a CD burner or a DVD burner? Is a burn once only capability required?	Not desired.
255	Does Houston PD plan to allow copying DME using optical drives that can erase and re-record DME more than one time on the re-usable and re-writeable disk?	No
256	Does Houston PD plan to allow users to copy DME to USB memory sticks? Do Houston PD computers have accessible USB ports?	Possibly as long as there is a chain of custody.
257	Does Houston PD plan to allow authorized users to generate small DME files and attach a copy of the DME file to an email and/or text message?	No.
258	A typical D1 resolution DME file is about 1 GB per hour. If the DME is compressed to 250MB per hour, some amount of pixel consolidation will result, which will violate the pixel retention requirement in section 1.32. How should the vendor resolve these conflicting requirements?	Please see section 1.5 on page 15 of the RFP.
259	DME generally consists of two video tracks, at least two audio tracks, and associated metadata. So the file sizes are necessarily larger than one MPEG4 file. Does this mean the system should only record one video and one audio track?	Please see section 1.5 on page 15 of the RFP.
260	Can the vendor propose video file formats besides MPEG 4? Or must all DME be recorded as MPEG 4 files?	Please see section 1.5 on page 15 of the RFP.
261	Four hours of DME is typically 4 GB of data. Does this mean that 4 GB of video data must be transferred in the stated times?	Please see section 1.5 on page 15 of the RFP.
262	Does HDD mean the system must have a removable hard drive, and that 4GB of data must be transferred to the HDD disk within 2 minutes?	Please see section 1.5 on page 15 of the RFP.
263	Does HDD mean a wired ethernet cable connection to a remote hard drive?	Please see section 1.5 on page 15 of the RFP.
264	Can a HDD be a removable CF card? A Micro-SD card?	Please see section 1.5 on page 15 of the RFP.
265	How many transfer read/write cycles does Houston PD expect the HDD to provide as a minimum?	Please see section 1.5 on page 15 of the RFP.
266	At what locations does Houston PD expect to have DME upload access points?	Redundant question.

267	What is the available existing network bandwidth capacity to each of the upload access points?	1000mbs.
268	Will Houston PD commit to maintaining a minimum level of available network capacity between the location of each access upload point and the DME back officer server(s) as recommended by the vendor?	No.
269	Will Houston PD commit to providing network capacity statistics on a daily, weekly, and monthly basis to the vendor to confirm that network capacity remains adequate to meet the DME upload performance metric requirements, and DME upload performance metrics are not be in missed because of bottle necks in the Houston PD data network between the access pints and the DME back office server?	No.
270	How many vehicles does Houston PD plan to have simultaneously uploading DME at each access point?	Already answered.
271	Upload transfer time will greatly depend upon the capacity of the Houston PD data network from the Access Point to the location of the DME back office server. When will each vendor be able to perform an analysis of the Houston PD data network (well before the August 1, 2013 RFP response due date) to determine if there is adequate network bandwidth from the location of each upload access point to the location or locations of the DME back office server(s)?	No.
272	Will Houston PD agree to purchase network capacity upgrades and additional networking routers and other communications equipment as recommended by the vendor if necessary to provide adequate bandwidth between he upload access points and location of the DME back office server to meet the required transfer times?	To be determined.
273	Doe Houston PD acknowledge that the vendor has no control over the Houston PD internal data network and therefore cannot be held accountable for network bandwidth capacity bottlenecks within the Houston PD data network?	Yes.
274	Will Houston PD provide the vendor's network management staff with full network security credentials and unrestricted access to the network, at a date well before the August 1, 2013 RFP response due date, to perform capacity modeling and testing to determine if the Houston PD internal Data networks have adequate bandwidth between the proposed locations of the upload access pints to the location or locations of the DME back office servers?	No.
275	If Houston PD will to provide the vendor's network management staff with full network security credentials and unrestricted access to the network to perform capacity modeling and testing, will Houston PD commit to providing dedicated networking staff, at a date well before the August 1, 10233 RFP response due date, who will work with the vendor's network management staff to jointly perform internal network performance modeling and testing?	No

276	A typical 2GB of DME per vehicle times 3 shifts per day times 250 vehicles will result in 1.5 terabytes of DME data to be transferred across the Houston PD data network each day to the location of the DME Back Office Management servers. Does Houston PD have available network capacity to support the uploading of 1.5 Terabytes of DME data per day?	Yes
277	How many days, weeks, months, or years of DME does Houston PD expect to maintain on-line through the DME back office management software?	Already answered
278	One possible calculation of DME storage requirements is a typical 2GB of DME per vehicle per shift. 2GB of DME per vehicle times 3 shifts per day times 250 vehicles X180 days = 270,000GB (270 Terabytes) of DME data to be maintained online. Is this a reasonable calculation of the on-line video storage capacity that the vendor should include in the he RFP proposal cost?	yes
279	If Houston PD does not plan to keep 180 days of DME available on-line, what number of on-line storage shall the vendor use to calculate the volume of storage that will be required for he DME Back Office server configuration, and used as the basis for calculating the price of on-line DME storage to be included in the RFP Price Proposal?	90 days of general video
280	Does the "Viewing and Listening" software need to allow the User to search the DME by metadata criteria such as GPS position, lightbar activation, emergency equipment activation, ticket number, incident number, collision report number, patrol car number, employee ID number, and other metadata search criteria?	Yes.
281	Will proprietary software for searching and viewing DME be acceptable if it is offered at no additional cost beyond the software cost of the DME management software?	Yes.
282	If DME includes multiple video tracks and multiple audio tracks from multiple cameras and wired microphones installed in a police cruiser, and additional audio tracks from wireless microphones, in addition to search metadata, how does Houston PD want the "Viewing and Listening" software to select which video track and which audio track to play when the User wants to View and Listen to the DME?	Viewer should be able to select camera one, camera 2 or camera 3.
283	Are there Record triggers in addition to emergency lights, siren, auxiliary, wireless microphone, and crash detection sensors that need to be connected to the DME recording solution?	Speed.
284	What criteria shall be used to trigger Auto Stop in the DME recording solution?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
285	How long after an incident is determined to be completed shall the DME recording solution continue record before Auto Stopping?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
286	What amount of time shall the DME recording solution use for Pre-event recording?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
287	What amount of time shall be used to manually save Pre-event recording?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.

288	What amount of time shall be used to automatically save Pre-event recording?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
289	What search metadata shall be saved as part of the DME to mark Pre-event recording events?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
290	Is there any requirement for the LCD monitor to include an audio speaker so that the officer in the vehicle can play/replay the audio included in the DME along with the video?	Yes.
291	Does the LCD need the ability to replay video, or just display the view currently being captured by the video camera?	Yes.
292	Does the LCD need to be able to display metadata such as a time counter showing the date and time for the video being observed or replayed?	Yes.
293	Does the LCD need to display other metadata besides date and time on the display screen?	Yes.
294	Is there any requirement or restriction for the LCD to be connected either wired or wirelessly to the DME recorder?	Should be wired to the recorder.
295	If a split screen replay capability is to be provided, what are the requirements for selecting an audio track to play along with the video? On the basis that playing the two audio tracks for the two video tracks being displayed will be confusing.	Separate tracks
296	Does the split screen need to synchronize two video streams being replayed? That is, do both video streams have to be replaying at the same points in time?	No
297	Can the officer play two video streams that are at different times on a side by side split screen basis?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
298	Can the front facing camera be installed from a mount or bracket attached to the windshield as opposed to being installed in the headliner?	Yes.
299	Can the switching between the forward facing camera and the back seat camera be implemented through a software button on the LCD screen? Or is a physical switch required, where the officer in the vehicle manually moves the switch to change between camera views?	Yes.
300	Just to clarify, the system must include at least three cameras - Front Facing, Back Seat, and Rear Facing? Is there any minimum resolution required for any of the three cameras? If so, what are the minimum resolution for the three cameras?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
301	Is there any minimum resolutions required for any of the three cameras? If so, what are the minimum resolutions for the three cameras?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
302	Is there any minimum frames per second requirement for any of the three cameras? If so, what are the minimum frames per second for the three cameras?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
303	What are the automatic zoom requirements for each camera? What criteria should each camera use to drive the auto-focus capability?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.

304	What are the auto-focus zoom requirements? 1x to 22x? Other?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
305	What are the manual zoom requirements for each camera? What are the required zoom ranges? 1x to 22x? Other?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
306	Does the infrared illumination have to be built into the back seat camera?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
307	What are the nighttime optimization requirements? What exact criteria should be used to determine when to engage and disengage Night Mode on the camera?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
308	Do all three cameras need to have nighttime optimization? Or just front and back facing cameras?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
309	Does the DME recorder have to activate nighttime optimization? Or can the camera itself activate nighttime optimization?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
310	Does the Audio Left/Right Fader control need to allow playback of both audio sources at the same time, with the fader contrail making one channel or the other louder? Or is this a switch that will play one audio track at time, but not both at the same time?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
311	Does the system need to support more than two audio microphones?	No
312	Does the system need to support more than one wireless microphone, in cases where there are two officers in the vehicle and both have wireless microphones?	Yes if possible not required. Please refer to Page 15, 1.0 Backgorund, Section 1.5.
313	Does the system need to allow the user to switch between two or more wireless microphones in playback mode?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
314	Does the system need to allow the user to play two or more wireless microphone tracks, with the ability to fade between or switch between the wireless microphones?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
315	Does the LCD Display have to have hardware-base LED camera operation indicator lights? As opposed to software buttons on the LCD display software that are illuminated when that camera is operating?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
316	Do the LED light or LCD display software buttons have to be any particular color? If so, what are those colors?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
317	Does the Front camera zoom of 22x optical and 12x digital have to be automatic?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
318	Does the Front camera zoom of 22x optical and 12x digital have to be manually controlled?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
319	What are the zoom requirements - if any - for the back facing camera?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
320	What are the zoom requirements - if any - for the back seat camera?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.

321	Can a High Definition camera that can provide 22x or better digital zoom meet this zoom requirement?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
322	If the front facing camera can be mounted in front of the rear view mirror, or can be reduced in size to a very small profile, the camera will not be able to have a set of backlit controls? Does this mean that any front camera that mounts in front of the rear view mirror is disqualified from consideration for this RFP?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
323	Does this requirement mean that small provide high definition camera that does not have backlit control hardware buttons on the back of the hardware is disqualified from consideration for this RFP?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
324	Can the various controls be provided as soft buttons on a backlit LCD screen that controls the front camera?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
325	This requirement mentions the Backseat camera must be a high resolution color camera, but then mentions at least 450 TV lines of resolution, which is not high resolution in today's marketplace. However, high definition video generates larger video file sizes. Does Houston PD desire a high resolution Backseat Camera, or a medium resolution camera with 450 TV lines of resolution?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
326	Does the Covert Recording requirement apply to the Front and Rear Facing cameras along with the back seat camera?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
327	How many seconds is acceptable for the Covert Recording mode to "quickly" disable the LCD and recording indicators? Is this tenths of seconds? Seconds?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
328	Are there any DME Recorder lock specifications that must be met?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
329	Shall the DME Recorder lock require a key?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
330	How many keys are required for each DME recorder?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
331	Do the keys have to be unique by DME recorder? Or can there be one key that unlocks all DME recorders?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
332	Does Houston PD need key tracking software to keep up with key serial numbers to DME serial numbers?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
333	Does Houston PD need a Master key that will unlock all DME recorders?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
334	How many Master Keys will Houston PD need for the 250 DME recorders?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
335	Shall the DME recorder have a combination lock to remove storage media?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.

336	Shall the DME recorder combination lock be unique for each recorder?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
337	Shall the DME recorder combination lock be re-settable by Houston PD administrators?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
338	Will officers have the ability to unlock the Removable Storage Media?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
339	This item lists pre-event recording needs to be 30-60 seconds, and also lists a requirement that pre-event recording can be set to anywhere 10 seconds to 10 minutes. Since the last sentence of 1.0 Background Section 1.5 states the vendor must provide alternatives that "meet or exceed the quality of the requirements listed", does this mean the solution must provide 10 minutes/600 seconds of pre-event recording?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
340	Does the system need to show one indicator of record time remaining, or multiple indicators of record time remaining?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
341	Does the 3 hours remaining video message need to be based upon average recording file size usage per hour, or 750MB?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
342	Typical DME, with 3 video streams for a Front, Back, and Back Seat camera, plus two audio streams from a cabin microphone and wireless microphone, plus related search metadata that collectively makes up Digital MultiMedia Evidence, generally is 1GB of data per hour. Should the remaining 3 hours of recording time be based upon 3GB of storage capacity remaining?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
343	Using the factor of 1 GB of storage for each our of typical DME, can the vendor assume that the DME recorder must have at least 30GB of removable media storage?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
344	Item 33 estimated than an hour of video is 250MB, but this line item requires 500GB of solid state storage. Does this mean that Houston PD expects to be able to store 2,000 hours of Digital MultiMedia Evidence on a DME recorder? Since a typical hour of DME for Houston PD will include 3 video tracks from front facing, back facing, and backseat camera, plus at least two audio tracks from a cabin microphone and officer wireless microphone, and DME search criteria such as data, time, GPS coordinates, alert status, and other metadata, and since a typical hour of DME is about 1 GB of data, does Houston PD expect to store 400 hours of DME on a vehicle DME recorder? Since a typical patrol car records 2 hours of DME per shift, and each hour of DME is typically about 1 GB of data, does Houston PD expect to store about 250 vehicle shifts of DME data on the DME reorder?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
345	Since the operational temperature of a vehicle is 50C or less, and since the MIL-STD 810G High Temperature standards is 49C (120F), why is there a requirement for the DME recorder to have an operational temperature of 85C?	Inside temps in Houston can reach 150 degrees in the summer.

346	Touch screen laptops, tablets, and other input devices can provide audio feedback on key presses, but not tactile feedback. Does this requirement mean that all laptop and tablet solutions are disqualified from proposing on this RFP?	No
347	What criteria should the system use to delete video data from the DME recorder after the DME has been uploaded to the central DME management system?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
348	Are there any similar criteria for deleting audio data and search metadata from the DME recorder after the DME has been uploaded to the central DME management system?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
349	What Chain of Custody audit trail reporting is required?	Redundant question.
350	Does the wireless microphone require a specific Ingress Protection Rating?	No.
351	Please confirm that the required WiFi standard is in 802.11n	Yes
352	Shall the DMEMS system provide searching based upon time as well as date range?	Yes.
353	Shall the DMEMS system provide searching based upon vehicle license plate number?	Yes.
354	What number of days of advance notice must be provided for purge advance notice emails?	Please see section 1.5 on page 15 of the RFP.
355	Does the advance notice email need to go to multiple email addresses?	Please see section 1.5 on page 15 of the RFP.
356	Shall the Key fields in line item 81 be expanded to include race, gender, age, and violation so that statistical reports can be produced?	Please see section 1.5 on page 15 of the RFP.
357	What volume of Digital MultiMedia Evidence data files are requested from Houston PD each year?	2000 plus copies.
358	How will Prosecutors, Defense Attorneys, Public Defenders Courts, and other relevant parties request copies of DME from Houston PD?	Trhrough video admin staff.
359	Will this DME distribution process be centralized or distributed across Houston PD locations?	Centeralized.
360	Does Houston PD have an existing set of CD and/or DVD burners that the DMEMS will need to use for burning DME disks? If so, what are the models and quantities of the existing set of CD/DVD burners, and where are they located?	Yes, HP.
361	How much spare capacity is available from each of the Houston PD CD and/or DVD burners?	It is based on the PCs.
362	What is the minimum acceptable lower resolution for video streaming when the officer presses the Emergency Help button?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
363	During the bid meeting on July 8, it was stated that a short list of vendors will be selected to install a demonstration system. Does this mean the RFP scoring will only be used to select a short list of contactors to install a demonstration system?	Evaluations will be done to choose short list.

364	Does this mean that the RFP scores will be discarded once the short of list of contractors to install a demonstration system is selected, and only the short list of vendors will be re-scored using the scoring criteria on page 34 of the RFP? Will a different set of scoring criteria be used to evaluate the demonstration system and select the winning contractor?	No, the scores will not be discareded. Yes, a diiferent set of scoring critereia will be used to evaluate the demostrations and winner.
365	Will HPD provide the different set of scoring criteria used to evaluate the demonstration system and select the winning contractor?	The infromation will be provided to the vendors that make the short list
366	The RFP says, "[Proposals] should not be submitted in elaborate or expensive binders." (reference page 2, paragraph 2.0 Proposal Format) Does this mean that proposals should be stapled, or is an inexpensive form of binding acceptable?	An inexpensive form of binding is acceptable?
367	Are you able to provide a list of Houston PD approved installers that are M/WBE certified that we could contact for this project?	Please visit the following website: https://houston.mwdbe.com/FrontEnd/VendorSearchPublic.asp
368	Below are some questions that I would like to submit for your consideration for the RFP for In Car Video Camera Solution. Thank you for the opportunity to participate in this process.	
369	• 45% - Conformance to RFP Requirements	
370	• 40% - Cost	
371	• 10% - Financial Strength of Offeror	
372	• 10% - Expertise/Experience/Qualifications	
373	• 5% - M/WBE Participation	
374	How many locations/patrol divisions are there where vehicles report to and what are their addresses? For each individual location; how many vehicles are there?	3, 200, 25, 25
375	For each individual location, what is the shift schedule that is operated (i.e. 3x8 hours, 2x12 hours, etc.)? And, on an average day, what is the number of vehicles out on each individual shift?	3, 40-50
376	What is the available bandwidth and connectivity between all of the locations/divisions?	1gb network.
377	How long are videos required to be stored "on-line" (i.e. 30 days, 60 days, etc.); how long will the City maintain videos in long-term storage (i.e. blu-ray, etc)?	90 days for general videos and depends on the crime.
378	Are vehicles take-home cars?	Some are for OT and on call.
379	Will vendors be responsible for installation of the in-car hardware? If so, does the City have a preferred installation vendor for this work?	Yes and No.
380	Are vendors to provide wireless networking equipment, such as wireless access points?	Only for the patrol cars. Not on the buildings etc.
381	Are vendors to provide server equipment for the project or is the City providing this equipment? If the City is providing this equipment, what are the specifications of the available servers (i.e. RAM; RAID configuration; available storage; processor type and GHz; video cards, etc)?	No. Give us your recomendation.

382	Will vendors be responsible for installation of the wireless networking equipment? If so, does the City have a preferred installation vendor for this work?	Only in the patrol cars.
383	Does the Department prefer a separate LCD monitor for the in-car system, or would the City prefer to integrate the in-car video into the in-car laptop/mobile data computer?	Both.
384	The City currently has an open solicitation for an Automated License Plate Reader for the Houston Police Department. Is the City interested in a back office server/system that is fully capable of integrating both the Automated License Plate Reader and In Car Video back offices?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
385	Item 3.2 Please list the specifications of existing MDCs and replacements units anticipated	
386	Item 4.1 table Section 3 - mounting –	
387	a. Can HPD confirm that the recorder and power supply can be console mounted, trunk mounted or mounted anywhere where it is safe and not in the way of the officers and that this section is not limiting the placement of the devices.	Trunk mounted is Prefered.
388	Item 26 – hardware Enclosure	
389	a. If the consolidated Hardware Enclosure is to be installed in the trunk, does HPD provide a tray or will the enclosure be attached to the vehicle directly.	No.
390	b. How is the current video system installed?	In the Cab.
391	c. Can you provide pictures?	No, Current CJIS policy will not allow us to provide photos.
392	Item 46 – Cameras Focus and Zoom	
393	a. Please confirm the front and possibly the rear facing cameras need autofocus and auto-zoom while the backseat camera will be fixed focus to cover the rear seat.	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
394	Item 48 – Combination cameras limit an officer from pointing the camera out the front windows in a particular direction and also viewing the back seat. If the rear seat camera is placed by the front windshield, the required infrared illuminators will cause reflection from partition and render poor images. In addition the aiming of the front camera and rear cameras will not be independent. The dual camera would not allow someone to be recorded lower than the partition metal rendering no visibility lower than shoulders. Is the the intent	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
395	a. Can the City rename "combination camera" be to "dual camera assembly" as the intent is to have two cameras pointed in two independent directions?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.

396	Item 71 – Microphone Operation Time	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
397	a. Please clarify that operation time of 18 hours is in fact the intent. A standard operation time is 14 hours for microphones. Can the City please change that to 14 hours?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
398	Iten 67 – there is a requirement for 500 GB Hard Drives and then there is a mention that all hard drives shall be solids state.	
399	a. Please confirm that HPD wants solid state hard drives and where hard drives are mentioned in the document we should assume solids state media shall be used.	Yes SSHD.
400	Item 80	
401	a. Please confirm 802.1n should be changed to 802.11n and the City must have this as a minimum	Yes.
402	b. Will the City be using products such as Utility and enMotion?	Please refer to Page 15, 1.0 Backgorund, Section 1.5.
403	c. Does this City utilize NetMotion on its MDC?	Yes.
404	d. Please specify the model, part number configuration and location of each building access point and associated management software	Due to CJIS policy we cannot provide this information.
405	e. Please provide network diagram showing connection of access points to the server/storage environment with relative link speed.	Due to CJIS policy we cannot provide this information.
406	f. Please provide current and all future anticipated locations where upload may be required	At our Central and Weside Locations.
407	Item 85 – Mass Media Tracking	
408	a. Can HPD provides information on existing tracking mechanism and expectations for a tracking system?	None at this time.
409	b. Can you provide a sample of reports?	None at this time.
410	Items 97-100	
411	a. Will the City confirm that the vendor should only spec the hardware requirements for server(s) and storage and the City will be responsible for procurement, deployment and configuration to basic OS level, security and virus protection?	Yes this is correct.
412	b. How much video storage (is TB and Files) does the City currently have and how much is utilized and can this be outlined per retention policy.	200TB for Video.

413 414	c. How may and what are the specs of the servers and storage used? Is the plan to expire these server and move the content over to be managed by the selected vendor on new servers?	Central Garage Server: Partition: Total Space: Free Space: Local C: 30GB 6.6GB Local D: 30GB 9.4GB Video Archive E: 2.0TB 1.6TB Hand-Off K: 350GB 349GB Server Information: MS Server 2003 Enterprise Edition – SR2 Quad-Core AMD 2.30 GHz, 12.0 GB RAM Central Server: HP 8 x Quad-Core AMD Opter WindowsServer2003Ent, SP 2.0 Memory: 12 GB C: 30.5 GB D: 30 GB E: 30 GB F: 100 GB G: 12 TB Westside Garage Server: Partition: Total Space: Free Space: Local C: 30GB 4.8GB Local D: 30GB 5.7GB Video Archive E: 4.0TB 3.78TB Video Archive F: 760GB 636GB Server Information: MS Server 2003 Enterprise Edition – SR2 Quad-Core AMD Opteron 2.30 GHz, 12.0 GB RAM
415	d. What is the current video recording file bit rate used.	Not Known
416	Under section 6.0 – who is responsible for disposal costs should HPD wish to have used equipment disposed?	HPD

417	Regarding time Table section 8.2 page 14.	
418	During the Pre-RFP meeting, the City advised that there would be a 30 day trial period of short-listed companies after the initial evaluation criteria, followed by a secondary evaluation criteria before the Notification of award on September 17th.	Yes a trial period will be done - September 17th date is an estimated date
419	It is assumed that the City would provide short-listed vendors with at reasonable 2 weeks' notice to schedule the install of their trial.	Yes.
420	It is assumed that the City would provide the short-listed vendors with a time window of reasonable 5 days to have access to the vehicle and train the evaluators on the use of the vendor systems. And since there would be several different short listed vendors and perhaps the City would need to allow 10 days on it's end for all the vendors to have access to relevant staff, since not all City staff can be with each Vendor at the same time.	Yes.
421	If this logic is true…	
422	Can the City confirm the 1st evaluation, followed by a short list notification period to provide a 30 day trial?	Yes.
423	Can the City confirm 14 days' notice of short listed vendors to begin their install?	Yes.
424	Can the City confirm 5 day window to deploy a trial on HPD premises, once notice is given?	Yes.
425	Can the City confirm access to personnel for training for the trial?	Yes.
426	Can the City confirm the 2nd evaluation?	Yes.
427	Would it be accurate to assume the timetable of Notification of Award would need to be at a later date?	These are estimated dates in the RFP
428	As stated in the pre-meeting, please confirm that following up on clarifications on specific questions asked on or before July 10 will be allowed after July 10.	Not applicable at this time.

END OF LETTER OF CLARIFICATION 3