



CITY OF HOUSTON
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 Strategic Procurement Division

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March 2, 2015

SUBJECT: Letter of Clarification No. 2

REFERENCE: RFP No.: S67-T25327 Request for Proposal for Video Evidence Management System with Body Worn Cameras

TO: All Prospective Proposers:

CLARIFICATION No. 2

FOR

**REFERENCE: SOLICITATION NO.: S67-T25327
 REQUEST FOR PROPOSAL (RFP) FOR VIDEO EVIDENCE MANAGEMENT SYSTEM WITH BODY WORN CAMERAS**

For which responses are scheduled to be received to the Finance Department Strategic Procurement Division, 2:00 p.m., Central Time on Thursday, February 19, 2015.

The following changes and/or revisions are incorporated into the above referenced RFP Document as noted. All other provisions and requirements as originally set forth remain enforce and are binding.

- The following questions and requests for clarification were submitted in accordance with the instructions provided in Section 4, 4.1, Communications between the City and Respondents. The City's response (**in bold italics**) follows each question or request for clarification in the table below:

CLARIFICATIONS TO QUESTIONS

Vendor Question 1:	Are any specifics on exactly what video solutions are currently planned to be integrated as an all in one solution.
COH Response:	<i>Refer to Section 1.0 Scope of Work</i>
Vendor Question 2:	What are the video retention periods by classification?
COH Response:	<i>Minimum retention is 90 days, maximum retention is forever.</i>

Council Members: Brenda Stardig Jerry Davis Ellen R. Cohen Dwight A. Boykins Dave Martin Richard Nguyen Oliver Pennington Edward Gonzalez
 Robert Gallegos Mike Laster Larry V. Green Stephen C. Costello David W. Robinson Michael Kubosh C.O. "Brad" Bradford Jack Christie
Controller: Ronald C. Green

Vendor Question 3:	Please provide the following for stationary video cameras: 1. Number of cameras by type 2. Resolution of the camera by type 3. Average recording time per day per camera / vehicle
COH Response:	1. 16 Cameras – Marshall Electronics 2. 720x480 3. 10 Videos per day, average length of video is 20 minutes, size of video is 750MB.
Vendor Question 4:	What is an estimated number of recording hours per day per body cam?
COH Response:	HPD estimates 2 hours per day. However, the SOW section 6.7 specifies a minimum of 8.5 hours of recording time at 1080p.
Vendor Question 5:	What are the current video formats used today at HPD and City of Houston?
COH Response:	HPD uses Divx, MPEG2, MPEG4, AVI, WMV and OnSSI native format except to the degree the existing videos need to be converted into or otherwise included in the new system. Video used by the City of Houston outside of HPD is not part of this RFP.
Vendor Question 6:	Please provide the following for the existing network infrastructure: Networks between HPD IT, all HPD Precincts, and all other applicable city facilities or other locations outlined in the requirements for interface/transfer of data and or access to any digital multimedia / video evidence systems referred to as Video Management System (VMS).
COH Response:	See attached diagram.
Vendor Question 7:	Would this include any networks or circuits that are currently utilized for and in-car Police video enforcement, fixed camera surveillance video, DWI, or connections to County where possibly near future applicable.
COH Response:	HPD network is currently used for all video systems used by HPD. A connection to the District Attorney is already established.
Vendor Question 8:	What is the bandwidth between the City of Houston and HPD?
COH Response:	The HPD network and City of Houston network are logically separate networks.
Vendor Question 9:	What is the average utilization of the network?
COH Response:	The following answers are from a snapshot at a specific time and are subject to many variables. Actual usage may be significantly higher. Any equipment required for your solution to work should be included in your proposal. Average Transmit Mbps – 10.5 Average Receive Mbps – 22.42 Peak Transmit Mbps – 56.27 Peak Receive Mbps – 33.97 Xmit Percent Utilization – 2.24% Recv Percent Utilization – 0.54% Circuit Utilization (Average) 1.39%
Vendor Question 10:	What is the peak utilization and when?
COH Response:	0600 hours, 1400 hours and 2200 hours.

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Vendor Question 11:	Is there any available bandwidth that is not being used today?
COH Response:	<i>Your proposed solution should assume that there is no available bandwidth. Any equipment required for your solution to work should be included in your proposal.</i>
Vendor Question 12:	What is the total number of precincts and/or HPD locations to be considered?
COH Response:	<i>There are 16 police stations and 26 storefronts where officers are assigned. See attached diagram.</i>
Vendor Question 13:	Are all of the precincts / HPD locations connected to the network with the same type of connection (such as 1GbE, etc.)?
COH Response:	<i>No, HPD locations do not all have the same type of network connection. See attached diagram.</i>
Vendor Question 14:	What is the connection of each precinct to the network?
COH Response:	<i>HPD network is available at all HPD locations – see attached diagram.</i>
Vendor Question 15:	Requested 1. Detailed specification per circuit 2. Diagrams, Network topology 3. Current and Planned utilization(s)
COH Response:	<i>1. See attached network diagram. 2. Answered in Questions 9, 10 and 11.</i>
Vendor Question 16:	Please provide the following for in-car video cameras: 1. Number of in-car cameras per car 2. Resolution of cameras 3. Average Recording time per day per camera / vehicle
COH Response:	<i>The following answers are from a snapshot at a specific time and are subject to many variables. Actual usage may be significantly higher.</i> <i>1. 2 Cameras per car (Approximately 220 cameras)</i> <i>2. 720x480</i> <i>3. 60 minutes per camera</i>
Vendor Question 17:	Can we get an overall network diagram highlighting the central computing center and remote locations?
COH Response:	<i>See attached network diagram.</i>
Vendor Question 18:	How many officers will concurrently sync body cameras after their shift at each location? Needed to determine network bandwidth requirements for each location.
COH Response:	<i>Average shift – 300 – 500 patrol officers spread across 16 police stations and special assignments. Peak utilization would be up to 1000 patrol officers. During catastrophic events the maximum number of officers on duty will increase and officers would be on 12 hour shifts.</i>
Vendor Question 19:	Do the remote locations have workstations for the officers to use for syncing the body cameras?
COH Response:	<i>There are HPD workstations at each location. However, these workstations may not meet the system requirements of your solution. Any equipment required for your solution to work should be included in your proposal.</i>

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Vendor Question 20:	What is the City's current VEMS solution? An answer to this question is extremely helpful in determining integration capabilities, and the amount of work that needs to be quoted as a part of the solution pricing.
COH Response:	<i>The present system in use at HPD for In-Car videos, DWI videos, and Body Camera videos is from former Digital Safety Technologies, now Utility.</i>
Vendor Question 21:	Pg. 24, section 12.2, says the vendor will complete the required security documents and have successful approval from HPD and Texas DPS, before the project can begin and before staff can appear on site.
COH Response:	<i>Vendors are reminded that they must comply with Section 12.0 HPD Security before any work can begin and they must be able to meet these requirements.</i>
Vendor Question 22:	Pg. 25, section 13 referring to the vendor providing documentation that includes hardware manuals, installation and troubleshooting guides, user guides, equipment specs, etc. Are these documents due with the bid, or just if awarded the contract?
COH Response:	<i>These documents are not required for the proposal only from the successful proposer.</i>
Vendor Question 23:	How, where, and when is it envisioned that the officers would sync their cameras?
COH Response:	<i>We envision that an officer will sync the camera at or prior to the end of shift at their duty station. This process is subject to change. How the officers sync the cameras should be included in the proposed solution.</i>
Vendor Question 24:	What are the specific video file formats for the in-car cameras, DWI-Intox videos, and other videos targeted for management by the video management system?
COH Response:	<i>HPD uses Divx, MPEG2, MPEG4, AVI, WMV and OnSSI native format.</i>
Vendor Question 25:	What are the output formats for the Harris County District Attorney's systems and for the other existing systems such as Use of Force and Records Management
COH Response:	<i>Refer to Attachment A, pages 28 and 29.</i>
Vendor Question 26:	Are Bid Bonds required with our submission?
COH Response:	<i>No</i>
Vendor Question 27:	Will the City require payment bonds and/or performance bonds for this project?
COH Response:	<i>Letter of Credit may be required - to be determined at contract negotiations</i>
Vendor Question 28:	What are the video types?
COH Response:	<i>HPD uses Divx, MPEG2, MPEG4, AVI, WMV and OnSSI native format except to the degree the existing videos need to be converted into or otherwise included in the new system.</i>
Vendor Question 29:	Does the City of Houston have style facilities for training?
COH Response:	<i>HPD does have training facilities; however we cannot guarantee that they will be available for use. Your proposal should include training location requirements.</i>
Vendor Question 30:	Will training be handled centrally with shifts coming or is there precinct level training facilities to train officers?
COH Response:	<i>It is envisioned that training will be completed on site at the officer's duty station by shift. Your proposal should include training location requirements.</i>

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Vendor Question 31:	What is the SOP for BWC for City of Houston?
COH Response:	<i>Policy is in development.</i>
Vendor Question 32:	How many officer's per shift?
COH Response:	<i>Average shift – 300 – 500 patrol officer spread across 16 police stations and special assignments.</i>
Vendor Question 33:	How many shift's do they rotate in a day?
COH Response:	<i>There are three (3) shifts per day although shift start times may be staggered.</i>
Vendor Question 34:	Do officer's offload at local precincts or is everything stored centrally (Multi-site vs Central Storage)?
COH Response:	<i>It is envisioned that officers will upload at their duty station. The multi-site vs. central storage should be answered in your proposed solution.</i>
Vendor Question 35:	What is the amount of data currently being store in the system?
COH Response:	<i>There is approximately 75 Terabytes.</i>
Vendor Question 36:	What amount of data currently expected to be transferred/converted into the new system?
COH Response:	<i>The approximate amount of video and metadata to convert is 75 Terabytes.</i>
Vendor Question 37:	Does the City of Houston require one of two types of references?
COH Response:	<i>Section 4.0 #5 states to provide 3 references but the vendor can submit more if they like.</i>
Vendor Question 38:	Pg. 5, Section 10.0. states "the Agreement(s) shall become effective on or about June 2015, for a term of five (3) years" a. Question: is the term going to be for "five" or "3" years?
COH Response:	<i>This question was answered during the Pre-Proposal meeting, the term of the Agreement will be for a 3 year term with 2 one year options.</i>
Vendor Question 39:	What is the "Homeland Security Video"?
COH Response:	<i>The current Homeland Security Video system is OnSSI.</i>
Vendor Question 40:	What is the system that houses the information and how does it communicate with HPD's other system's?
COH Response:	<i>The present system in use at HPD for In-Car videos, DWI videos, and Body Camera videos is from former Digital Safety Technologies, now Utility. The system is a stand-alone type, no communication exist to other systems in HPD. No historical conversion will be required for Homeland Security but need the ability to import selected videos into the new VEMS system.</i>
Vendor Question 41:	What sort of metadata does the Homeland Security Video contain? What file types is store in? What is the use case for this particular integration?
COH Response:	<i>The current Homeland Security Video system is OnSSI with video stored in OnSSI native format. Integration consists of the ability to directly export video from OnSSI into the proposed VEMS system.</i>

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Vendor Question 42:	Who is your current in-car vendor? What system and file type do they use for storage and management?
COH Response:	<i>The present system in use at HPD for In-Car videos, DWI videos, and Body Camera videos is from former Digital Safety Technologies, now Utility. Videos are stored in AVI format and are stored in flat files with the Meta data in SQL server 2005, operating under Windows Server 2003.</i>
Vendor Question 43:	Pg. 19, Section 4.22, what is meant by "canned" audit reports?
COH Response:	<i>Pre-built reports used to perform system audits.</i>
Vendor Question 44:	Pg. 20, Section 4.29 What does this system look like and how does it function? What types are store? What is the metadata stored? What type of metadata?
COH Response:	<i>The present system in use at HPD for In-Car videos, DWI videos, and Body Camera videos is from former Digital Safety Technologies, now Utility. Videos are stored in AVI format and are stored in flat files with the Meta data in SQL server 2005, operating under Windows Server 2003.</i>
Vendor Question 45:	For Pricing: What is your anticipated annual Terabyte storage amount for videos generated from HPD existing software systems, RMS, Homeland Security Video, In-Car Video and Harris County District Attorney?
COH Response:	<i>Estimated is 75TB from existing video. The expected base storage is estimated to 1.5 Petabytes, with an approximate annual maximum increment of 430 Terabytes going forward.</i>
Vendor Question 46:	What type of body worn camera warranty and body worn camera refresh program would you like?
COH Response:	<i>Whatever camera warranty and refresh program that is in the best interest of HPD.</i>
Vendor Question 47:	Will the City provide requirements worksheet in an editable format; such as excel?
COH Response:	<i>Pricing & Requirements Matrix can be provided in Excel format</i>
Vendor Question 48:	How many separate City locations will received Body Worn Cameras? How many cameras will each location receive?
COH Response:	<i>There 16 police stations and 26 storefronts where officers are assigned.</i>
Vendor Question 49:	How many locations will have video uploading capabilities?
COH Response:	<i>There 16 police stations and 26 storefronts where officers are assigned. See attached diagram. Any equipment required for your solution to work should be included in your proposal.</i>
Vendor Question 50:	What type of connection and integration are required for each of these? Will the City also provide: <ul style="list-style-type: none"> • The names of the vendors of each of these referenced systems • Contact information for each of the vendors
COH Response:	<i>In-Car videos, DWI videos, and Body Camera will need to be combined into the new VEMS. There will be no integration of the current VEMS. Your proposal will either include a new VEMS or your solution will use the current VEMS in use by HPD. Our intention is to have one (1) system for video storage. Vendor is Utility.</i>
Vendor Question 51:	Are you requesting a single hard copy of the Price Proposal as defined on pg 32, would the city also prefer the price proposal (as separate file) be included on the digital copy (DVD)?
COH Response:	<i>Yes, provide in digital format as well.</i>

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Vendor Question 52:	The City provides 2 formats for presenting the 3 references/previous customers: a table on pg 31. And a form on pg 35. Which would the City prefer take precedence or would the city approve a table that encompasses all from both formats?
COH Response:	<i>The table provided on pg. 31</i>
Vendor Question 53:	Based on the submittal requirements on pg 31-32 , where would the city prefer the following forms be included: exhibit V form "A" – Fair Campaign, Exhibit VI – Affidavit of Ownership or Control, Exhibit VII Attachment "A"- Drug Policy Compliance Declaration, Ex. VIII Attachment "C & D" – Contractor's Certification of no safety impact position, Ex. VIII – Anti-Collusion Statement, and Ex. X form "1A & 2" Pay or Play Program Acknowledgment form and Certificate of Agreement?
COH Response:	<i>All forms should be submitted</i>
Vendor Question 54:	Pg. 28, indicates this attachment is to be responded to in a separate section of the proposal but is not included on the Submittal Requirements on pg. 31-32. Where would the City prefer these requirements be answered?
COH Response:	<i>Separate section with the Scope of Work</i>
Vendor Question 55:	Item 7d, pg. 32, "Proposer shall address all Functional, Technical and Executive requirements as described in the Scope of Services." Would the City prefer responses answered both in a point-by-point format and a matrix?
COH Response:	<i>Complete the Requirements Matrix that is available with the proposal</i>
Vendor Question 56:	The matrix document includes specifications 4-9. Since the Submittal Requirements indicate the matrix should depict compliance with each of the requirements, is it intent of the City that the Proposer extend the matrix to include items 10-23?
COH Response:	<i>There are no items 10-23 on the requirements matrix. Additionally the Requirement & Optional Matrix is intended to summarize the functionality desired. A lack of ability to meet each of the functions indicated may not preclude a vendor from consideration during the selection process.</i>
Vendor Question 57:	Would the City consider combining items 2 and 3 of the Submittal Requirements? Items 2 (Cover Letter) and 3 (Commitment to provide services) of the Submittal Requirements on pg. 31
COH Response:	<i>Yes, both of these items are to be combined and submitted in the same cover letter.</i>
Vendor Question 58:	Who is the vendor/developer of the current VEMS?
COH Response:	<i>The present system in use at HPD for In-Car videos, DWI videos, and Body Camera videos is from former Digital Safety Technologies, now Utility.</i>
Vendor Question 59:	What is the name of the current VEMS?
COH Response:	<i>The present system in use at HPD for In-Car videos, DWI videos, and Body Camera videos is from former Digital Safety Technologies, now Utility.</i>
Vendor Question 60:	Does the current VEMS have published API to allow for possible integration?
COH Response:	<i>There will be no integration of the current VEMS. Your proposal will either include a new VEMS or your solution will use the current VEMS in use by HPD. Our intention is to have one (1) system for video storage.</i>

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Vendor Question 61:	If there are no published API's will Houston PD contract with the current vendor of the VEMS to provide either API's or integration to proposed VEMS
COH Response:	<i>There will be no integration of the current VEMS. Your proposal will either include a new VEMS or your solution will use the current VEMS in use by HPD. Our intention is to have one (1) system for video storage.</i>
Vendor Question 62:	Are there any still images that will require conversion into a new VEMS? How much (in GB) existing video/audio is there?
COH Response:	<i>No still images are stored. The approximate amount of video and metadata to convert is 75 Terabytes.</i>
Vendor Question 63:	Approximately how many files does the existing video consist of?
COH Response:	<i>There are an approximate total of 107,357 videos that need conversion.</i>
Vendor Question 64:	How is the video/audio stored – flat files, data base, encrypted,
COH Response:	<i>The videos are stored in flat files with the Meta data in SQL server 2005, operating under Windows Server 2003.</i>
Vendor Question 65:	If the video is not stored in clear, industry standard format, does the existing VEMS vendor (or other party) have a conversion tool available to address issues such as encryption, extraction of data from a data base etc?
COH Response:	<i>Not to our knowledge.</i>
Vendor Question 66:	How will the stored video/audio be made available to the successful vendor to this RFP? For example: <ul style="list-style-type: none"> • Access to files on a shared storage • CD/DVD • Tape • Cloud based storage • External removable hard drive
COH Response:	<i>Stored video cannot leave the custody, control and supervision of HPD.</i>
Vendor Question 67:	Can the video/audio conversion be performed off the Houston Police premises?
COH Response:	<i>No, stored video cannot leave the custody, control and supervision HPD.</i>
Vendor Question 68:	What is the expected timing for the conversion of existing audio/video <ul style="list-style-type: none"> • Can it be phased in over time? • Does it have to happen immediately upon commissioning of a new VEMS?
COH Response:	<i>It is expected that the conversion of video will be completed by the “go live” date of the VEMS.</i>
Vendor Question 69:	Specifically what systems are included under the requirement “will need to need to connect to and integrate their technology with” Homeland Security Video, Harris County District Attorney. What type of integration is expected with the above requirement?
COH Response:	<i>The present system in use at HPD for In-Car videos, DWI videos, and Body Camera videos is from former Digital Safety Technologies, now Utility. The current Homeland Security Video system is OnSSI. It is envisioned that video from all these system can be stored in the VEMS with minimum effort without leaving the system where the videos were created .</i>

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Vendor Question 70:	What are the systems names?
COH Response:	<i>The present system in use at HPD for In-Car videos, DWI videos, and Body Camera videos is from former Digital Safety Technologies, now Utility. The current Homeland Security Video system is OnSSI.</i>
Vendor Question 71:	What specific functionality is required with each of the above integrations? Are the API's published and available?
COH Response:	<i>API's are not available from HPD.</i>
Vendor Question 72:	Are API's available for these systems? If so, do the API support the necessary functionality to allow the winning vendor to integrate and provide the desired functionality specific above. Does the current HPD RMS system (Tiburon) have API's to support the desired functionality?
COH Response:	<i>API's are not available from HPD.</i>
Vendor Question 73:	What specific functionality is required with the requirement to integrate to the HPD RMS System (Tiburon)?
COH Response:	<i>Video stored in the VEMS that is associated with a record in the RMS system should be indicated in the RMS and be viewable via a link to the video stored in the VEMS from the RMS system. The actual video should remain in the VEMS system.</i>
Vendor Question 74:	What is an EVMS?
COH Response:	<i>Video Evidence Management System (VEMS)</i>
Vendor Question 75:	Who is the vendor/developer of the current BWC and DWI and In Camera systems?
COH Response:	<i>The present system in use at HPD for In-Car videos, DWI videos, and Body Camera videos is from former Digital Safety Technologies, now Utility. The current Homeland Security Video system is OnSSI.</i>
Vendor Question 76:	What is the format of video and meta data from the current BCW system and DWI and In Camera systems?
COH Response:	<i>The present system in use at HPD for In-Car videos, DWI videos, and Body Camera videos is from former Digital Safety Technologies, now Utility. Videos are stored in AVI format and are stored in flat files with the Meta data in SQL server 2005, operating under Windows Server 2003.</i>
Vendor Question 77:	How many existing files are to be converted from each system?
COH Response:	<i>There are an approximate total of 107,357 videos that need conversion.</i>
Vendor Question 78:	Total size of video to be converted from each system?
COH Response:	<i>The approximate amount of video and metadata to convert is 75 Terabytes.</i>
Vendor Question 79:	Does the vendor/developer of the current BWC and DWI and In Camera system provide conversion utilities?
COH Response:	<i>There are none available from HPD.</i>
Vendor Question 80:	How much (in GB) existing video/audio is therein the BWC and DWI and In Camera systems?
COH Response:	<i>The approximate amount of video and metadata to convert is 75 Terabytes.</i>

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Vendor Question 81:	What is the HPDs file naming convention? What date format does HPD use?
COH Response:	<i>The present naming convention is based on Agency's ORI, Incident number, Location, Camera ID, and Sequence number. The preferred data format is MP4.</i>
Vendor Question 82:	Besides detecting camera out of focus, failed video, microphone off, poor quality sound, no GPS signal received what are detection functions are required?
COH Response:	<i>VEMS specifications are contained in Section 4.0 Video Evidence Management Systems (VEMS) Specifications.</i>
Vendor Question 83:	Is there a secure network link currently in place between the HPD facility and the Harris County DA's office?
COH Response:	<i>Yes, HPD network is privately and securely connected to the Harris County network.</i>
Vendor Question 84:	How much storage is the HPD currently using to store video/audio
COH Response:	<i>The approximate amount of video and metadata is 75 Terabytes.</i>
Vendor Question 85:	How many BWC (on average) will be in use each day? (General and Technical Matrix Requirements)
COH Response:	<i>Average shift – 300 – 500 patrol officers spread across 16 police stations and special assignments. Peak utilization would be up to 1000 patrol officers.</i>
Vendor Question 86:	How many logical groups (departments) will be using BWC's in each location? The reason for the question is that we have a download station for the BWC and we are attempting to determine how many stations are required?
COH Response:	<i>There are 16 police stations and 26 storefronts where officers are assigned. See attached diagram. Any equipment required for your solution to work should be included in your proposal.</i>
Vendor Question 87:	What is the data retention policies of HPS (in months or years for each classification of video)
COH Response:	<i>Minimum retention is 90 days, maximum retention is forever. We currently estimate that 25% to 35% of video will be stored beyond the 90 period. However this estimate is based on a small pilot program and storage needs can be significantly greater. Classification is not a "one time" event, rather it is a continual process based upon a number of factors, type of event, investigatory purposes, held for evidence, use in court, etc.</i>
Vendor Question 88:	What percent of total video recorded by the BWC's apply to each retention policy (we are trying to determine how much video needs to be retained for what period of time)?
COH Response:	<i>Minimum retention is 90 days, maximum retention is forever. We currently estimate that 25% to 35% of video will be stored beyond the 90 period. However this estimate is based on a small pilot program and storage needs can be significantly greater. Classification is not a "one time" event, rather it is a continual process based upon a number of factors, type of event/incident, investigatory purposes, held for evidence, use in court, etc.</i>
Vendor Question 89:	What is the HPD backup policy? How is data backed up, How/where is data stored?
COH Response:	<i>Policy is to keep all data backed up. Currently stored in the data center. System should be designed with zero loss of video.</i>

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Vendor Question 90:	How many HPD substations? Do all of the HPD substations have a secure network with main headquarters/administration building?
COH Response:	<i>There are 16 police stations and 26 storefronts where officers are assigned. See attached diagram. Any equipment required for your solution to work should be included in your proposal.</i>
Vendor Question 91:	Identify current in car Camera system, current volume needing to be stored, daily volume and expected data growth rate. Identify data file type and current video data management system being used for current in--car systems.
COH Response:	<i>The present system in use at HPD for In-Car videos, DWI videos, and Body Camera videos is from former Digital Safety Technologies, now Utility. Videos are stored in AVI format and are stored in flat files with the Meta data in SQL server 2005, operating under Windows Server 2003. Expedited growth should be based on your proposal.</i>
Vendor Question 92:	Please provide the HPD's availability of bandwidth from each location (above) to the HPD's data center. (i.e. from each substation)
COH Response:	<i>See attached diagram. Any equipment required for your solution to work should be included in your proposal.</i>
Vendor Question 93:	What percent of total video recorded by the BWC's apply to each retention policy (we are trying to determine how much video needs to be retained for what period of time)?
COH Response:	<i>50 to 75 percent of video is not retained.</i>
Vendor Question 94:	What is the HPD backup policy? How is data backed up, How/where is data stored?
COH Response:	<i>Reference question 89</i>
Vendor Question 95:	Identify current in car Camera system, current volume needing to be stored, daily volume and expected data growth rate. Identify data file type and current video data management system being used for current in---car systems.
COH Response:	<i>Reference question 91</i>
Vendor Question 96:	Identify current DWI---Intox room camera system, current volume needing to be stored, daily volume and expected data growth rate. Identify data file type and current video data management system in use for DWI---Intox room.
COH Response:	<i>The present system in use at HPD for In-Car videos, DWI videos, and Body Camera videos is from former Digital Safety Technologies, now Utility. Videos are stored in AVI format and are stored in flat files with the Meta data in SQL server 2005, operating under Windows Server 2003.</i>
Vendor Question 97:	Identify all systems requiring "INTERACTION" AND INTEGRATION, including: <ul style="list-style-type: none"> • current system provider, • manufacturer of equipment, • manufacturer of management system, • operating system, • file management system, • file types, • data communication availability and protocols, • Availability of developer support.
COH Response:	<i>The present system in use at HPD for In-Car videos, DWI videos, and Body Camera videos is from former Digital Safety Technologies, now Utility. Videos are stored in AVI format and are stored in flat files with the Meta data in SQL server 2005, operating under Windows Server 2003. The current Homeland Security Video system is OnSSI.</i>

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Vendor Question 98:	Define "INTERACTION" REQUIRED for: <ul style="list-style-type: none"> • Harris County District Attorney • Use of Force • Records Management
COH Response:	<i>For District Attorney requirement see Attachment A pages 28 & 29. Video stored in the VEMS that is associated with a record in the RMS system should be indicated in the RMS and be viewable via a link to the video stored in the VEMS from the RMS system. The actual video should remain in the VEMS system.</i>
Vendor Question 99:	Identify deployment consulting required
COH Response:	<i>Implementation services are specified in Section 11.0 Implementation Services.</i>
Vendor Question 100:	Identify training required. <ul style="list-style-type: none"> • Number of personnel. • Availability for training. • Number of sessions, • persons per session
COH Response:	<i>Training requirements are specified in Section 7.0 Training</i>
Vendor Question 101:	Identify criteria for successful fulfillment of requirements for each of the following? And what percentage weight is given to each of these topics? <ul style="list-style-type: none"> • Planning hardware • Analyzing hardware • Designing hardware • Implementing hardware • Evaluating hardware • Testing hardware • Planning software • Analyzing software • Designing software • Implementing software • Evaluating software • Testing software
COH Response:	<i>Testing requirements are specified in Section 8.0 Installation and Testing, Section 16.0 Acceptance Testing and Section 23.0 Demonstration Field Testing.</i>
Vendor Question 102:	Please provide the HPD's excess available bandwidth for upload to the internet for cloud storage at each location where BWC will be expected to archive daily video.
COH Response:	<i>There are 16 police stations and 26 storefronts where officers are assigned. See attached diagram. Any equipment required for your solution to work should be included in your proposal.</i>
Vendor Question 103:	Please provide availability of Rackspace at HPD's data center.
COH Response:	<i>The HPD data center has more than sufficient space for future expansion and growth.</i>
Vendor Question 104:	Please provide HPD's projected annual costs for uploading all body worn camera files to a Cloud Storage Solution at \$0.08 per GigaByte/month.
COH Response:	<i>Vendor to provide pricing for solution.</i>

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Vendor Question 105:	Identify current system in use at the following <ul style="list-style-type: none"> • Homeland Security Video • Harris County District Attorney • Harris County • HPD RMS
COH Response:	<i>The present system in use at HPD for In-Car videos, DWI videos, and Body Camera videos is from former Digital Safety Technologies, now Utility. The current Homeland Security Video system is OnSSI. The HPD RMS system is Tiburon. The District Attorney's specifications are included in Attachment A, pages 28 and 29.</i>
Vendor Question 106:	Identify any ongoing changes requiring support.
COH Response:	<i>This will depend on your implementation.</i>
Vendor Question 107:	How much data is currently stored on the HPD VMS system that would need to be converted? Data format, file type, storage medium and speed, availability, throughput available on current servers?
COH Response:	<i>The approximate amount of video and metadata is 75 Terabytes, stored in a Compellent SAN system. Videos are stored in AVI format and are stored in flat files with the Meta data in SQL server 2005, operating under Windows Server 2003. Your proposed solution should assume that there is no available throughput. Any equipment required for your solution to work should be included in your proposal.</i>
Vendor Question 108:	What is the video format from EVMS?
COH Response:	<i>The present video format is AVI. The videos are stored in flat files with the Meta data in SQL server 2005, operating under Windows Server 2003.</i>

In accordance with Section 4, 4.1, Communications between the City and Respondents, the deadline for questions has passed. No additional questions will be answered prior to the proposal deadline except as the Chief Procurement Officer, in her sole discretion, deems to be in the best interest of the City.

END OF CLARIFICATION NO. 2

**CITY OF HOUSTON
STRATEGIC PROCUREMENT DIVISION**

**LOURDES COSS
CHIEF PROCUREMENT OFFICER**

Should you have any additional questions or request further clarification regarding this Proposal, please contact Brenda Chagoya at brenda.chagoya@houston.tx.gov, or at (832) 393-8723.

Sincerely,



Brenda Chagoya
Senior Staff Analyst

LC/bc

cc. P, Cheesman – HPD
File

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Basic High-Level HPD Network Architecture

