

REQUEST FOR PROPOSALS

ADDENDUM # 1 Questions and Clarifications

MOBILE SURVEILLANCE SYSTEM RFP #FED2017-08

TO: Prospective Proposers
FROM: Martha Howarter, Director of Federal Programs
DATE: October 13, 2017
SUBJECT: Addendum No. 1 – Questions and Clarifications

The following is included as part of Addendum No.1 and supersedes the language/requirements set forth in the original "Request for Proposals".

ADDENDUM # 1 – Questions and Clarifications

#	Questions submitted or asked	Response from GPMTD
1	2-2 Scope of Work / Specifications states “MVS software shall support Federated Architecture for centralized management”. Many manufacturers have differing definitions for this term. Please provide a security industry recognized definition for this requirement.	<i>Disregard language referencing “MVS software shall support Federated Architecture for centralized management.” from this RFP, page 20. Language was a carryover.</i>
2	Section 2, Paragraph 2-2 Scope of Work/ Specifications: "MVS software shall support Federated Architecture for centralized management." Please clarify what Federated Architecture exactly means to Greater Peoria Mass Transit District?	<i>Refer to GPMTD Response #1</i>
3	Section 1, Paragraph 1-3 Proposal Submission: "Original and required copies, complete with all signed affidavits and certifications, will be bound together." Does this mean that all 6 copies of the proposal should be combined in one physical booklet or 3-ring binder?	<i>The submittal should be one (1) bound original (with original signatures) and five (5) separately bound copies. A total of six (6) bound proposals.</i>
4	As we support the economic development needs of the agency and the DBE goals established, we are requesting additional time to qualify local business to support this important project. We are requesting a 2 week extension to the closing date.	<i>Denied. All proposals are due by date listed in RFP, page 16, which is October 27, 2017 by 4:00 pm (CST).</i>

#	Questions submitted or asked	Response from GPMTD
5	Will Greater Peoria Mass Transit District please extend the deadline for submittal of proposal of “Mobile Surveillance System RFP #FED2017-08” from October 27, 2017 to November 10, 2017?	<i>Refer to GPMTD Response #4</i>
6	RFP page 59: 8-21 Performance Bond Requirements. The 1 st sentence indicates the Performance Bond will be 100%, item 7a indicates the bond will be 50% if the contract price is less than \$1 million. Assuming a contract price of less than \$1 million, please clarify if the Performance Bond will be 100% or 50%.	<i>Performance Bond is 100% of the Contract Amount. 7a is referring to a payment bond. A payment bond is not required for this RFP, line item 6.</i>
7	Bid states that all local, state or federal laws prevail. Please advise if the Bacon-Davis Act for Prevailing Wage is applicable.	<i>Refer to RFP Attachment N. If proposal includes any construction or landscaping, prevailing wages apply.</i>
8	What is the Mobile Surveillance System source of Funding?	<i>Procurement will be utilizing Federal Funding. Grant money has been approved by FTA.</i>
9	Does Buy America apply?	<i>Yes. System must meet Buy America compliance and Buy America Certificate required.</i>
10	Wireless System, Router and Mobile Surveillance System compatibility.	<i>Proposed system must work well with other types of systems including but not limited to AVL.</i>
11	System requirement for end user?	<i>System must be user friendly. Easy to use. Any authorized personnel should be able to use.</i>
12	What is expected award date? How soon will a purchase order be issued?	<i>Refer to RFP Procurement Schedule, page 16, Recommend Contract Award is scheduled for the GPMTD Board Meeting on December 11, 2017. Contract must be signed before Notice to Proceed can be issued. Anticipated to be No Later Than January 31, 2018.</i>
13	On-Call Assistance requires up to 300 hours (100 per year) of on-call telephone support. Is this on-site support <u>after</u> receiving the phone call or strictly telephone support with NO on-site response required?	<i>Proposal Option is requested: 300 hours of on-call telephone support and research by a systems engineer over a three (3) year period following Final Acceptance. The 300 hours would cease once GPMTD has used the allotment up - not necessarily 100 hours per year for 3 years. Any on-site support would be covered under the Warranty or Maintenance Agreement minimum in the scope of work.</i>
14	Page 20 of the RFP includes the following requirement: “Options to purchase equipment for new or existing fixed-route or paratransit/support vehicles for a three (3) year period following contract award.” Does the three-year option need to include fixed pricing?	<i>Yes. Fixed pricing. RFP, Options for Additional Equipment Purchase, page 26.</i>

#	Questions submitted or asked	Response from GPMTD
15	<p style="text-align: center;">35' and 40' Buses</p> <p>Do you have an interior camera view in mind that you are not getting at this time with the existing interior camera locations? Please identify any added coverage areas you'd like.</p>	<p>Interior:</p> <ol style="list-style-type: none"> 1. Front camera looking out on roadway; 2. Camera covering farebox and driver; 3. Camera covering front door and boarding area; 4. Camera covering the front seating area. Located toward front pointing to the rear; 5. Camera located toward the middle covering the middle to rear seating area. Pointing to the rear; 6. Camera covering the rear door and exiting area; 7. Camera covering the rear to the front. Located in the rear of the bus pointing to the front; <p>Exterior:</p> <ol style="list-style-type: none"> 1. Camera passenger side pointing from front to rear of the bus; 2. Camera drivers side pointing from front to rear of bus; 3. Rear camera; <p>Optional Exterior:</p> <ol style="list-style-type: none"> 1. Camera passenger side pointing from rear to front of the bus; 2. Camera driver side pointing from rear to front of the bus.
16	<p style="text-align: center;">Supervisor Vans (Medium Duty)</p> <p>Is there a different camera configuration for the (5) supervisor vehicles? Is there a requirement of (11) cameras for these smaller vehicles?</p>	<p>Yes. No. Minimum 5 cameras.</p> <p>Preferred views are:</p> <ol style="list-style-type: none"> 1. Inside front facing the road; 2. Inside covering front entry door; 3. Located front pointing to rear (inside); 4. Located rear pointing to front (inside); 5. Exterior passenger side front pointing to rear.
17	<p>Section 2, Paragraph 2-2 Scope of Work/Specifications: Will all vehicles, both fixed route and supervisor vehicles, require seven (7) HD interior cameras and four (4) HD exterior cameras, or will the quantity of cameras vary per vehicle?</p>	<p>Refer to GPMTD Response #15 and #16</p>
18	<p>Camera views and camera types</p>	<p>Refer to GPMTD Response #15 and #16</p>
19	<p>Section 2, Paragraph 2-2 Scope of Work/Specifications: Where will the cameras, both interior and exterior, be located on each vehicle?</p>	<p>Refer to GPMTD Response #15 and #16</p>

#	Questions submitted or asked	Response from GPMTD
20	<p>Please provide a detailed listing of buses/vehicles (i.e.: Make, Year, Length, and exact number of each) GPMTD desires to have video surveillance systems installed on. It appears there may be a contradiction in stated number of Supervisor Vehicles. On page 20, Section 2-2 states: <i>“a minimum of fifty (50) of GPMTD’s fixed-route vehicles and new installation for five (5) supervisors vehicles.”</i> Later in the same section it is stated: <i>“Supervisor Vehicles: (Medium Duty Vans – 12 Passenger & 5 Wheelchair)”</i> - This may refer to vehicle configuration, but if possible please clarify exact number and type of Sup vehicles.</p>	<p><i>Refer to GPMTD Response #15 and #16</i></p> <p><i>Fixed Route Buses consist of 48 - 35’ and 5 - 40’. All Fixed Route buses currently have a camera system.</i></p> <p><i>Five (5) Medium Duty Vehicles with seating configuration that allows 12 passengers with 5 wheel chairs. Medium Duty Vehicles do not have a current operating camera system.</i></p> <p><i>Fixed Route buses are 49 Gillig, 4 New Flyers Medium Duty are Fords and Chevrolet models</i></p> <p><i>Detail listing of vehicles will not be provided.</i></p>
21	<p>On page 20, Section 2-2 of the Scope of Work lists the camera numbers for the fixed route vehicles. It does not list the camera numbers for the Supervisor vehicles: <i>Fixed Route: (35’ and 40’ Buses)</i> <i>o Minimum seven (7) HD interior cameras with lowlight capabilities and audio recording;</i> <i>o Minimum four (4) HD exterior cameras;</i> <i>Supervisor Vehicles: (Medium Duty Vans – 12 Passenger & 5 Wheelchair)</i> <i>o HD interior cameras with lowlight capabilities and audio recording</i> <i>o Exterior cameras;</i></p> <p>Please advise the number of cameras required on the Supervisor vehicles. Additionally, can GPMTD advise the required camera views for each of the two vehicle types?</p>	<p><i>Refer to GPMTD Response #15 and #16</i></p>
22	<p>What is the exact make and model of the existing cameras currently installed on the four (4) New Flyer Vehicles that GPMTD would prefer to retain? Are they Onvif compliant?</p>	<p><i>Vendor was UTC Fire & Security.</i> <i>Interior Cameras are Analog/Digital Hybrid Camera Integrated IR & MIC.</i> <i>1 - Model MVC-9100-28-BK-FF</i> <i>3 - Model MVC-9100-28-BK</i> <i>2 - Model MVC-9100-40-WI</i> <i>1 - Model MVC-9100-28-WI</i> <i>4 Exterior Cameras are 4.0MM lens with infrared & built in heater.</i> <i>Model MVC-9000-40-WI</i> <i>1 Exterior Camera is 2.8MM lens with infrared & built in heater.</i> <i>Model MVC-9000-28-WI</i></p> <p><i>Based on specs provided, ONVIF (Profile S), PSIA, CGI. Please re-confirm independently.</i></p>

#	Questions submitted or asked	Response from GPMTD
23	Please provide the connector cable type and part number of the GE cameras	<i>Refer to GPMTD Response #22</i>
24	Section 2, Paragraph 2-2 Scope of Work/Specifications: "This turn-key mobile surveillance system procurement will include the upgrade of a minimum of fifty (50) of GPMTD's fixed route vehicles and new installation for five (5) supervisor vehicles." How many buses will be outfitted with the system? What is the total quantity of mobile surveillance systems we are required to quote?	<i>53 total Fixed Route Buses. 49 requires complete system upgrade (Gillig) 4 New Flyer has new cameras. GPMTD prefers not to replace cameras, if possible. 5 Medium Duty will require everything.</i>
25	Please clarify which views should be captured on the cutaway buses?	<i>Refer to GPMTD Response #16</i>
26	Steve indicated, in the Pre-proposal meeting, a major issue with the Gillig vehicle is that the cameras do not work in low light levels, does GPMTD have the same issue with the New Flyer vehicles and the cameras installed on those vehicles?	<i>No. New Flyer cameras have Infrared. Refer to GPMTD Response #22</i>
27	Section 2, Paragraph 2-1 Introduction/Background: GPMTD is requesting "high definition mobile surveillance system for its fleet." Is this to be understood that GPMTD is requesting an all IP high definition solution, or will Analog High Definition (AHD) be acceptable? To the naked eye you cannot tell the difference between, IP 720p and 1080p resolutions, compared to AHD 720p and 1080p resolutions.	<i>IP is optional. Quality of images is important. HD is preferred. 720p and 1080p resolution is Proposers choice; however; image quality of the camera will be a factor in the Evaluation Committee decision.</i>
28	Please provide a recognized security industry definition of your requirement for HD cameras. High Definition (HD) has become a generic term that can mean many things. Our preference is 1920 x 1080p. Is this acceptable?	<i>Refer to GPMTD Response #27 Propose is Contractor preference.</i>
29	Are multiple locations involved for performing installations?	<i>No. All installations will be performed at 2105 NE Jefferson Avenue, Peoria, IL 61603 aka Maintenance Facility.</i>
30	What address/addresses are the vehicles located? We need to do a remote site survey to determine the number of access points to include in the proposal for wireless downloading.	<i>Refer to GPMTD Response #29 Site visit was October 3, 2017. Refer to Attachment A. Coverage Areas 1803230005 and 1803230001</i>
31	Given the requirement for WIFI Connectivity, can a map of the GPMTD property be provided – if possible with the location where the vehicles will be parked when they return for wireless download?	<i>Refer to Attachment A Coverage Areas 1803230005 and 1803230001</i>
32	Physical address where the vehicles will be located for downloading the recorded events via Wi-Fi connection?	<i>2105 NE Jefferson Avenue, Peoria, IL 61603. Refer to Attachment A Coverage Areas 1803230005 and 1803230001</i>

#	Questions submitted or asked	Response from GPMTD
33	If the bidder is required to supply the Wi-Fi connection, can you supply us with a detailed map of all sites showing the preferred placement for the access points?	<i>Refer to Attachment A. Coverage Areas 1803230005 and 1803230001 Placement is Contractor recommendation for best and accurate coverage of property.</i>
34	Please confirm the address/location where the video storage server is to be located. If this location is different to where the wireless downloading of video and audio is located, can GPMTD please confirm what type of internet connection exists between the two locations. This is relevant to the transfer of downloaded video files.	<i>Video storage server and wireless downloading will take place at the 2105 NE Jefferson Avenue location. Refer to Attachment A. Coverage Areas 1803230005 and 1803230001 Current internet structure will not support. Scope of Work for Wireless Communication System.</i>
35	Are there any vehicles that do not park in the specified location?	<i>No. All vehicles return to Maintenance Facility when vehicle is not in operation.</i>
36	What hours are available for performing installations?	<i>Installation is available 6:00 am to 10:00 pm, Sunday – Saturday. Maximum of two (2) Buses at one (1) time can be off the road Monday – Friday. Saturday and Sunday has more flexibility with maximum number off the road.</i>
37	Where is the MDVR to be installed?	<i>35' and 40' Buses have a locked compartment behind the driver's area (aka bulkhead). Medium Duty vehicles will be determined based on equipment selected. Placement TBD. There are three styles of Medium Duty Vehicles with different configurations.</i>
38	What is the name of the manufacturer of the system to be removed?	<i>Mobileview/Penta system.</i>
39	As the RFP requires the de-installation of the existing equipment, will GPMTD have a defined process for taking possession of these capital assets and signing off on the receipt of the equipment/assets removed from each bus?	<i>Yes. Refer to RFP, page 21, Removal of Existing Equipment. Inventory existing equipment and cameras by bus number. Package or box equipment from each bus separately and label by bus number. GPMTD will sign-off by package/box for each bus.</i>
40	Is the removal of an existing system required?	<i>Refer to GPMTD Response #39 Yes.</i>
41	How many vehicle will have this removal requirement?	<i>49 Gillig Buses and 4 New Flyer if cameras cannot be repurposed.</i>
42	Please confirm requirement to remove existing equipment on the vehicles as per stated requirements on page 21 of the RFP document. Does each vehicle (55 FR and 5 SV) have an existing system onboard the vehicle?	<i>Refer to GPMTD Response #24 and #41</i>
43	How many camera per vehicles are to be removed?	<i>Refer to GPMTD Response #24 and #41 Gillig buses have 7 cameras per bus.</i>

#	Questions submitted or asked	Response from GPMTD
44	What removal process is required?	<i>Refer to GPMTD Response #39 Refer to RFP, page 21, Removal of Existing Equipment.</i>
45	Is the disposal of the removed system required by the bidder?	<i>No. Refer to GPMTD Response #39 and #44 for procedures</i>
46	Permitted to dispose of removed systems in the GPMTD dumpster?	<i>Refer to GPTD Response #39 Yes. Non-camera and DVR equipment such as cables, wires, brackets can be disposed in a dedicated GPMTD dumpster.</i>
47	Permitted to dispose installed systems' packing materials in the GPMTD dumpster?	<i>Packing Materials can be disposed in a dedicated GPMTD dumpster.</i>
48	RFP, page 21, "Repair holes or damage from existing cameras that may be repositioned." What are GPMTD expectations for the repair of holes of exterior cameras versus interior cameras?	<i>Holes in the interior can be rubber plugged. If hole cannot be rubber plugged, then it must be patched. The exterior currently has one camera which should be replaced with new camera.</i>
49	Does GPMTD have space to store equipment awaiting the installation?	<i>Yes. GPMTD will provide a secure location for equipment awaiting installation.</i>
50	Does GPMTD have a Dock, Pallet Jack, Forklift available for receiving delivery of equipment?	<i>GPMTD has a Pallet Jack and a Forklift available for equipment delivery.</i>
51	Wireless Features? Wireless download of recorded video events or scheduled downloads? Live View? Live Tracking? Health Events, includes text message notification of system health?	<i>Refer to Scope of Work for Wi-Fi and Health Events requirements. Live View and Live Tracking not in Scope of Work as Cellular is not being utilized.</i>
52	What type of wireless connection is required? Wi-Fi, Cellular connection, Cellular connection with Wi-Fi for passenger use.	<i>Wi-Fi.</i>
53	If Wi-Fi is required, is the bidder responsible for providing and mounting the access points on the existing building or pole?	<i>Yes.</i>
54	Section 2, Paragraph 2-2 Scope of Work/ Specifications, Wireless Communication System: "The Contractor shall provide all wireless communication equipment, backend equipment including servers and viewing software." Are vendors required to provide the PC's that the viewing software will be installed on, or will viewing software be installed on existing PC's? If viewing software installed on existing PC's, will the specifications of the PC's please be provided to ensure software installation compatibility?	<i>PC's are not required to be provided under the Scope of Work. Existing GPMTD PC will be utilized. Current Minimum specs are: Windows 7 64-bit 8GB DDR3 memory Intel i5-2540M 2.60GHz dual-core 320GB Hard Drive AMD Radeon HD 6670M 512MB graphics chip PC's are currently being upgraded.</i>

#	Questions submitted or asked	Response from GPMTD
55	Section 2, Paragraph 2-2 Scope of Work/ Specifications, Wireless Communication System: "All installed shall provide wireless downloading/or health report to a single facility network." Will the physical address of the single facility network please be provided? Will this be the only location that will require installation of a wireless communication system?	<i>Yes. Yes.</i>
56	Section 2, Paragraph 2-2 Scope of Work/ Specifications, Wireless Communication System: Will GPMTD please provide the information requested below: Quantity Information (Storage/Server) <ol style="list-style-type: none"> 1. Total number of units & total number of units daily expecting uploads (ex: 296 busses, xx% run daily) 2. Expected daily run-time (ex: each unit records 30-40 events/min per day) 3. Detail drawing of parking facility or lot 4. Any current wireless frequencies in use today Quality & Content (Storage/ Server) <ol style="list-style-type: none"> 1. Video format and/or resolution (ex: 4CIF 704 x 480, 720p, 1080p) 2. Frame Rate (ex: 15-30fps) 3. Quality Selection (ex: High, Med & Low) Physical Server (Server) <ol style="list-style-type: none"> 1. If not Mount Type (ex: rack or tower) 	<i>Quantity</i> <ol style="list-style-type: none"> 1. Assume All Vehicles 2. If bus is on, the system must be recording. Minimum 30 day video retention on bus. 3. Refer to Attachment A 4. None available for Camera System. <i>Quality & Content</i> <ol style="list-style-type: none"> 1. Minimum 720p 2. 30 FPS 3. Minimum Medium <i>Video Quality is important.</i> <i>Physical Server</i> <ol style="list-style-type: none"> 1. Rack
57	Will bidder be responsible for providing a server?	<i>Yes.</i>
58	Which type of server is required? Rack mount or Desk Top	<i>Rack</i>
59	Will there be an ability to have a secure remote access to the server for upgrades and maintenance?	<i>Yes, with the approval of GPMTD I.T.</i>
60	Will the Contractor be providing the network infrastructure (access points) at the GPMTD property? If not and the Contractor is to use an existing network, please provide make/model and locations of any existing Access Points?	<i>Yes.</i>
61	Please provide contact information for GPMTD's IT company (S.T.L.)	<i>Once Contractor is selected, a STL contact will be assigned for IT issues during the install and implementation. IT questions were answered by STL.</i>
62	Please provide the average number of hours per day that the buses operate?	<i>An average of 20 hours per day.</i>

#	Questions submitted or asked	Response from GPMTD
63	What is the connection type/media/bandwidth between the administration building and the two bus parking buildings?	<i>Not available for use. Fiber (1G) between buildings with switching ProCurve2910 AL.</i>
64	Is there any available fiber at of the three buildings? If yes, please provide details.	<i>Yes. There is one single fiber line, not available for use. If proposed, fiber would be required in proposal.</i>
65	Are there any existing wireless networks in use at any of the three buildings? If yes, please specify, brand, model and wireless bands in use.	<i>Yes. Belkin's repeaters (maintenance), Linksys (1 in maintenance, 3 in Admin) Needs to be replaced/upgraded.</i>
66	Does GPMTD have a preferred wireless brand?	<i>No. Must not be proprietary. Must support all wireless GPMTD needs.</i>
67	Type of GPS tracking system require.	<i>Passive GPS. Records vehicle speed, direction, and GPS coordinates and displays data during playback.</i>
68	Would you like to have redundant edge storage at the camera for back-up HDD failure?	<i>Not required in Scope of Work. Can propose.</i>
69	How many ports are required for the wireless router/access point for future AVL use Steve made mention of at the pre-bid? Is cellular capability required for this router? Are there any additional specifications we should be aware of for this router?	<i>It will depend on the number of access points implemented. Minimum 1G switch for wireless.</i>
70	According to page 21 of your RFP, "The successful Contractor will be required to demonstrate backwards and forwards software compatibility with multiple generations of hardware, in order to avoid unnecessary software and equipment expenses in the future." Please provide the name of the software with which the system is to integrate.	<i>Proposed software must be compatible with backwards/forwards versions of itself and can be installed on provided hardware.</i>
71	Please provide your timeframe for Phases for Testing, referenced on pages 22 and 23.	<i>Timeframe is determined on proposed system successfully meeting and completing the three (3) step testing and acceptance model.</i>

Attachment A



Approximately seven (7) acres of land.