

City of Memphis
RFI # SAIC CoM 2013 – RG R51706
City of Memphis Radio System Replacement
Answers to Questions

<u>RFQ</u> <u>Section</u>	QUESTION	Response
Section 4 – System Features	Please provide additional information on the SCADA Services for fire house automation and station alerting.	Provide information as an option for a system which allows the stations to shut down when personnel leave the firehouse; i.e stove, oven, secures doors, etc. This type of system would be used to open the fire house public address system for verbal call dispatching, hard copy of calls sent to station printer, signaling microphone off hook, loss of power indication, and remote activation of apparatus floor doors and other devices. <i>Request was not specific – City provided general information.</i>
Section 4 – System Features	Please provide additional information on the Fuel Farm System.	The City Fuel and Fluid Management System tracks virtually any product that can be metered/pulsed. Fuel and fluid data can readily be interfaced to most commercial fuel management and dispensing systems. Fuel Focus M5 supports both internal product management – product managed using a client’s installed fuel dispensing equipment and/or commercial products purchased externally. <i>Request was not specific – City provided general information.</i>

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Section 4 – System Features	Please provide additional information on what the requirements are for exposing User Health Services.	The requirements would entail the transmission of biofeedback from Distress Alert Signals using a Personal Alert Safety System; i.e. heart rate, blood pressure, oxygen sensors, etc. <i>Request was not specific – City provided general information.</i>
Section 4 – System Features	Please define what is meant by fire scene accountability.	Fire scene accountability means active RFID technology or similar technology that is capable of showing who is on the scene of a fire and what their current X, Y and Z coordinates are. This technology allows personnel to locate fallen firefighters.
Section 4 – System Features	“Able to provide SCADA services for automation and station alerting.” & “API Interface into SCADA control” are SCADA services desired over the P25 public safety radio network or is this intended for LTE?	SCADA should be available via both means.
Section 4 – System Features	“On site capability in mobile devices to upload data for fire hydrant maintenance.” Please give an example use case description of this need. Is this intended to upload over the P25 public safety network or is this intended for LTE?	There are currently 28,000 Hydrants in the City of Memphis. Providing information regarding technology to transmit the status of each hydrant i.e. Annual Maintenance, Repair, Replacement, Date and X/Y coordinate is strongly suggested.

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Section 4 – System Features	“Mobile device must support real-time video capture (need to be able to access via Broadband/LTE)”. Is SAIC wanting to stream in-car video and video from their existing fixed video network to the mobile device and vice versa?	Provide information on adding an LTE component to the radio system. We would like to have the ability to stream video from fixed cameras as well as In-Car Video. This could be video streaming from an ambulance to the hospital where a physician can view what is going on in real time, it could be video from fixed surveillance cameras, body cameras or Police In-Car video.
Section 4 – System Features	“Provide broadband mobile data for vehicles and handheld units”. Please give an example use case of this “must have” requirement. Is this intended to be implemented onto the P25 Public Safety network or is it intended for LTE?	Provide information on adding an LTE component to the radio system. We would like to have the ability to stream video from fixed cameras as well as In-Car Video. This could be video streaming from an ambulance to the hospital where a physician can view what is going on in real time, it could be video from fixed cameras, body cameras or Police In-Car video. This would require an LTE solution.
Section 4 – System Features	“Stack voice-paging” please provide examples of what this refers to. Can you please describe the use-case?	The ability to dial a telephone number, leave a voice message for a party and that party receive a pager notification of message waiting.

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Section 4 – System Features	“Connection of all 4 bands of mobile radios with a CCW (Change Control Window) with control head accessible to the dispatcher”. Please list the 4 bands this refers to. Is this intended for a dispatcher console operator or a mobile end user?	Low band VHF, High band VHF, UHF, and 700/800 MHz. It should be available to a dispatch console operator as described. A minimum of two way “tx/ rx patching” should be available to the mobile radio end user. We would also like to have Radio Over IP capability to smartphone or other portable devices.
Section 4 – System Features	I would like to know the project budget or estimate for Radio System Replacement, SAIC CoM 2013 - RG R51706.	A firm budget has not been established.
Section 4 – System Features	Can you please provide the RFP document?	Information regarding RFI can be located at the following address: http://www.memphistn.gov/