



ANTONIO R. VILLARAIGOSA
MAYOR

February 8, 2013

Honorable Members of the City Council
C/o City Clerk
Room 395, City Hall

Re: 2009 Urban Area Security Initiative (UASI) Grant Award – Budget Modifications and Contracting Authorities (Council File No. 09-1275)

Dear Honorable Members:

Transmitted herewith for City Council consideration are proposed budget modifications and contracting authorities to the Fiscal Year 2009 Urban Areas Security Initiative (FY09 UASI) grant award from the United States Department of Homeland Security (DHS). On August 3, 2010, City Council accepted the FY09 UASI award in the amount of \$54,632,360 for a term of 31 months, September 30, 2009 to April 30, 2012 (Council File No. 09-1275). On June 7, 2012, the California Emergency Management Agency (CalEMA) approved an extension for the Los Angeles Regional Interoperable Communications System (LA-RICS) project to November 30, 2012. On November 30, 2012, a six month extension request was submitted to CalEMA. Grantor approval of this request is pending.

LA-RICS Contingency Projects

The Los Angeles Regional Interoperable Communications System (LA-RICS) is a collaborative effort of law enforcement, fire service and health service professionals with elected and appointed officials to implement a regional interoperable radio communications system. The FY09 UASI LA-RICS allocation of approximately \$23 million for the LA-RICS project was originally designated by the Los Angeles/ Long Beach (LA/LB) UASI Approval Authority for the design of the system. However, due to significant project delays, authority is requested to reallocate funds to contingency projects in order to meet the grant deadline, as referenced in Attachment 2.



A total of \$4,893,719 will be reallocated to regional partners including the American Red Cross and the California Institute of Technology (CalTech), as well as to LA/LB UASI partner jurisdictions which includes the City of Hawthorne, Long Beach, Pasadena, and Santa Monica. The City of Los Angeles Police Department, Information Technology Agency, Bureau of Engineering, and Emergency Management Department will be allocated \$2,106,281 as described below. CalEMA approved these modifications on December 18, 2012.

Los Angeles Police Department

Microwave Video Downlink Upgrade (\$491,000)

The Los Angeles Police Department's aircraft fleet, operated by LAPD's Air Support Division (ASD), has used downlink technology since 2008 to transmit aerial video feed to mobile receivers during tactical operations. Down-linking provides incident commanders and city-wide emergency management agencies with a great tool in decision support by optimizing situational awareness and improving collaboration. The limitations of the current system, operating on a frequency of 4.9GHz, restrict aircrafts from transmitting over 1 watt of power from the air, which in turn, confines their altitude to 1,500 feet above ground. These limitations have caused persistent interference, reliability and video quality issues during brush fires and other natural disaster and criminal response operations. FY09 UASI funds will be used to purchase equipment for Mount Lee, three (3) LAPD aircrafts, and one (1) portable receiver, all of which will be upgraded to a dual-use 4.9/6.5 GHz system to remove the altitude restriction, increase the reliability and use higher power to improve video quality.

Authority is being requested to revise the FY09 UASI budget to reflect the reallocation from LARICS to the Los Angeles Police Department for the purchase of Microwave Video Downlink equipment.

CCTV System Upgrade (208,441)

The Los Angeles Police Department (LAPD) Central Division is responsible for monitoring and operating LAPD's Closed Circuit Television (CCTV) system. This system has been an integral component of LAPD's crime reduction strategy in addition to the protection of critical infrastructure and key resource locations along with the identification of criminals. Since the project's build-out in 2005, LAPD's Central Community Police Station has directly managed video feed transmitted through a series of multiple pan and tilt surveillance cameras connected to a dedicated wireless network. FY09 UASI funds will be used to upgrade receiver and transmitter-related equipment at various locations.

Authority is being requested to revise the FY09 UASI budget to reflect the reallocation from LARICS to the Los Angeles Police Department for the purchase of LAPD's CCTV System equipment.

Information Technology Agency

DC Power Plant Upgrade (\$300,000)

The City of Los Angeles Information Technology Agency (ITA) is responsible for the operation and maintenance of the citywide trunked radio system. ITA is requesting DC power plant systems for five radio communications sites in order to ensure land mobile radio, data, and microwave traffic continues to operate in the event of a power failure. The DC power systems requested will provide eight hours of back-up power to the radio communications sites until the emergency generator can turn-on, or until a technician can reach the site and restore power. These DC power plants are essential in ensuring communications remain operable during man-made or natural disasters.

Authority is being requested to revise the FY09 UASI budget to reflect the reallocation from LA-RICS to ITA for the purchase and installation of DC power plant upgrades for five radio communication sites.

Bureau of Engineering

Radio Communication Site Upgrades (\$690,840)

The City of Los Angeles Bureau of Engineering (BOE) is currently managing multiple projects to upgrade citywide radio communications sites. In order to ensure these communication sites can continually operate effectively, BOE has identified the need to install two 400KW and two 200KW emergency generators at the Mount Lee and Baldwin Hills radio communications sites. The generators would provide emergency back-up power to new communications shelters being built on each site. Emergency generators are an essential component to the survivability of a radio communications site in the event of a disaster, as they can provide multiple days of power, allowing emergency responders to carry out their duties without interruption to their telecommunications systems.

BOE has also identified the need to install a Heating Ventilation Air Conditioning (HVAC) System at the radio communications sites. The HVAC system will maintain the proper temperature of the communication shelter to ensure the equipment does not overheat. The lack of proper cooling for the battery system could result in system failures. The radio and battery equipment housed at this site supports the public safety and first responding agencies of the City of Los Angeles and its regional partners.

Additionally, BOE identified the need to install a Water Pump System at the Mount Lee radio communications site. The Water Pump System will move water from the Mount Lee cistern, on the west side of the communications site, to the helipad on the east side of the site, where Los Angeles Fire Department (LAFD) airships land and refill in the event of a fire. The new water pump will allow (LAFD) airships to fill directly from the site without the need for additional intervention or support from back-up water vehicles.

Authority is being requested to revise the FY09 UASI budget to reflect the reallocation from LA-RICS to BOE for the purchase of the radio communication site upgrades for the Mount Lee and Baldwin Hills radio communications sites.

Emergency Management Department

Emergency Operations Center Computer Replacements (\$416,000)

The Emergency Management Department (EMD) Emergency Operations Center (EOC) is responsible for managing information effectively and efficiently and for sharing information with the Operational Area, the Region and the UASI partners. Replacing the outdated computers will provide for continued communications interoperability and data sharing during EOC activations and will promote a common operating picture of events and incidents through enhanced situational awareness and coordinated resource management in accordance with the National Incident Management System (NIMS) and the National Response Framework (NRF). FY09 funds will be used to replace 144 EOC workstation computers and monitors, 15 EOC audio visual display control computers and monitors, 3 EOC GIS workstation computers and monitors, and additional disk and server storage space.

Authority is being requested to revise the FY09 UASI budget to reflect the reallocation from LARICS to EMD for the purchase of EOC computers and related equipment.

RECOMMENDATIONS

It is therefore requested that the City Council:

1. **Authorize** the Mayor, or his designee, to:
 - a. Modify the existing grant budget (Council File No. 09-1275) for the FY09 UASI grant by reallocating funds between projects as described within this report and as listed in the summary of budget modifications as referenced in Attachment 1;
 - b. Execute contract amendments with the Los Angeles/Long Beach Urban Area Partner Jurisdictions, including Hawthorne, Long Beach, Pasadena, and Santa Monica and extend the grant performance period to April 30, 2013, subject to the approval of the City Attorney as to form and legality, as referenced in Attachment 3;
 - c. Execute a contract with CalTech for a total contract amount of \$3,688,199, subject to the approval of the City Attorney as to form and legality; and

- d. Execute a contract with American Red Cross for a total contract amount of \$360,000, subject to the approval of the City Attorney as to form and legality.

2. **Authorize** the Controller to:

- a. Transfer appropriations within Fund 53A for the reallocation of FY09 UASI grant funds as described within this report as follows:

TRANSFER

FROM:

<u>Fund/Dept. No.</u>	<u>Account No.</u>	<u>Account Name</u>	<u>Amount</u>
53A/46	46G912	LA-RICS JPA	6,009,160
Total:			6,009,160

TRANSFER TO:

<u>Fund/Dept. No.</u>	<u>Account No.</u>	<u>Account Name</u>	<u>Amount</u>
53A/46	46G911	Partner Jurisdiction	4,893,719
53A/46	46G970	LAPD	699,441
53A/46	46G935	EMD	416,000
Total:			6,009,160

- b. Upon presentation of proper documentation from the Los Angeles Police Department, transfer appropriations from Fund 53A, Department 46, to Fund 100 Department 70 to reimburse LAPD for FY09 UASI related expenditures as follows:

TRANSFER

FROM:

<u>Fund/Dept. No.</u>	<u>Account No.</u>	<u>Account Name</u>	<u>Amount</u>
53A/46	46G970	LAPD	208,441
Total:			208,441

TRANSFER TO:

100/70	003040	Contractual Services	208,441
Total:			208,441

- c. Transfer appropriations and create new appropriation accounts within Fund 53A, Department 46, as follows:

TRANSFER

FROM:

<u>Fund/Dept. No.</u>	<u>Account No.</u>	<u>Account Name</u>	<u>Amount</u>
53A/46	46G912	LA-RICS JPA	990,840

Total: 990,840

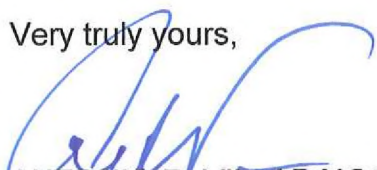
TRANSFER TO:

53A/46	46J932	ITA	300,000
53A/46	46J978	BOE	690,840

Total: 990,840

- d. **Authorize** the Controller to expend and receive funds upon presentation of documentation and proper demand by the Mayor's Office of Homeland Security and Public Safety, in order to reimburse City Departments and the LA/LB UA partner jurisdictions for approved FY09 UASI grant funds; and
- e. **Authorize** the Mayor, or designee, to prepare Controller instructions for any technical accounting adjustments, subject to approval of the CAO, and authorize the Controller to implement the instructions.

Very truly yours,



ANTONIO R. VILLARAIGOSA
Mayor

ARV:mm:ds

Attachments

- 1 Summary of Budget Modifications
- 2 Contingency Projects
- 3 Partner Jurisdictions Revised Contract Amounts

Modified Funds From:										
Jurisdiction	Department	Project Letter	Master Item #	Sub-Line #	Disc	Solution Area	Project Name	Original Allocation	Revised Line Item Allocation	Total Amount Modified
LARICS	JPA	A	1	3	PSC	Plan	Los Angeles Interoperable Communications System Vendor	\$9,486,748	\$2,486,748	(\$7,000,000)
									Total:	(\$7,000,000)

Modified Funds To:										
Jurisdiction	Department	Project Letter	Master Item #	Sub-Line #	Disc	Solution Area	Project Name	Original Allocation	Revised Line Item Allocation	Total Amount Modified
American Red Cross	American Red Cross	M	50a	240	EMG	Equip	Disaster Supply Trailer Tow Vehicles	\$0	\$360,000	\$360,000
CalTech	CalTech Police Department	D	10	237	EMG	Equip	Earthquake Early Warning	\$0	\$3,688,199	\$3,688,199
Hawthorne	Police Department	H	28	234	LE	Equip	Regional Aircraft Video Downlink	\$0	\$55,500	\$55,500
Long Beach	Police Department	B	3	238	LE	Equip	Long Beach Common Operating Picture (LBCOP) Intelligence Management System	\$0	\$500,000	\$500,000
Los Angeles City	ITA	B	2	241	PSC	Equip	DC Power Plant Upgrade	\$0	\$300,000	\$300,000
Los Angeles City	Police Department	H	28	245	LE	Equip	Microwave Video Downlink Upgrade	\$0	\$491,000	\$491,000
Los Angeles City	Police Department	H	27	233	LE	Equip	CCTV System Upgrade	\$0	\$208,441	\$208,441
Los Angeles City	BOE	B	2	242	PSC	Equip	Radio Communication Site Upgrades (Generators, HVAC System and Water Pump System)	\$0	\$690,840	\$690,840
Los Angeles City	EMD Fire Department	M	50a	244	EMG	Equip	EOC Desktop Computers	\$0	\$416,000	\$416,000
Pasadena	Fire Department	K	40b	235	FS	Equip	USAR CBRNE Confined Space and Search Equipment	\$0	\$42,527	\$42,527
Pasadena	Fire Department	K	40b	236	FS	Equip	USAR Technical Rope Rescue Equipment	\$0	\$48,647	\$48,647
Pasadena	Fire Department	K	40b	237	FS	Equip	USAR Personal Protective Equipment	\$0	\$49,468	\$49,468
Santa Monica	EMD Fire Department	M	50a	239	EMG	Equip	Access and Functional Needs (AFN) Cots	\$0	\$50,000	\$50,000
Santa Monica	Fire Department	J	37b	243	FS	Equip	First Responder Personal Protective Equipment	\$0	\$99,378	\$99,378
									Total:	\$7,000,000

Jurisdiction	Department	Project	Amount	Investment Justification (Focus Area)
American Red Cross	American Red Cross	Disaster Supply Trailer Tow Vehicles	\$360,000	IJ-4: Catastrophic Incident Planning Response and Recovery
CalTech	CalTech	Earthquake Early Warning	\$3,688,199	IJ-2: Strengthen Information Sharing, Collaboration and Law Enforcement Investigations
Hawthorne	Police Department	Regional Aircraft Video Downlink	\$55,500	IJ-3: Strengthen Protection of Critical Infrastructure
Long Beach	Police Department	Long Beach Common Operating Picture (LBCOP) Intelligence Management System	\$500,000	IJ-2: Strengthen Information Sharing, Collaboration and Law Enforcement Investigations
Los Angeles City	ITA	DC Power Plant Upgrade	\$300,000	IJ-2: Strengthen Information Sharing, Collaboration and Law Enforcement Investigations
Los Angeles City	Police Department	Microwave Video Downlink Upgrade	\$491,000	IJ-2: Strengthen Information Sharing, Collaboration and Law Enforcement Investigations
Los Angeles City	Police Department	CCTV System Upgrade	\$208,441	IJ-3: Strengthen Protection of Critical Infrastructure
Los Angeles City	BOE	Radio Communication Site Upgrades (Generators, HVAC System and Water Pump System)	\$690,840	IJ-2: Strengthen Information Sharing, Collaboration and Law Enforcement Investigations
Los Angeles City	EMD	EOC Desktop Computers	\$416,000	IJ-4: Catastrophic Incident Planning Response and Recovery
Pasadena	Fire Department	USAR CBRNE Confined Space and Search Equipment	\$42,527	IJ-4: Catastrophic Incident Planning Response and Recovery
Pasadena	Fire Department	USAR Technical Rope Rescue Equipment	\$48,647	IJ-4: Catastrophic Incident Planning Response and Recovery
Pasadena	Fire Department	USAR Personal Protective Equipment	\$49,468	IJ-4: Catastrophic Incident Planning Response and Recovery
Santa Monica	EMD	Access and Functional Needs (AFN) Cots	\$50,000	IJ-4: Catastrophic Incident Planning Response and Recovery
Santa Monica	Fire Department	First Responder Personal Protective Equipment	\$99,378	IJ-4: Catastrophic Incident Planning Response and Recovery
Total:			\$7,000,000	

Partner Jurisdictions Revised Contract Amounts
 UASI 2009 (C.F. 09-1275)

Jurisdiction	Budget	Modifications	Revised Contract Amount
City of Hawthorne	\$ 43,045.00	\$ 55,500.00	\$ 98,545.00
City of Long Beach	\$ 4,216,578.00	\$ 500,000.00	\$ 4,716,578.00
City of Pasadena	\$ 85,954.00	\$ 140,642.00	\$ 226,596.00
City of Santa Monica	\$ 429,878.00	\$ 149,378.00	\$ 579,256.00