

## Attachment 1

Innovation Fund Idea Submission #1	
<b>Name of your project idea:</b>	Digital Services Unit
<b>City Department</b>	Office of the Mayor
<b>Recommended Allocation</b>	\$150,000
<b>My "What IF" idea is:</b>	Creating online/digital mechanisms for citizens to utilize city services that typically require in person interactions -- that is, taking processes such as registering for a new business or paying a business tax and making them fully digital. This would save the city costs in terms of management and operations and greatly improve the citizen experience.
<b>Please tell us what problem your idea is trying to solve, or what opportunity you see.</b>	Currently, most of the interactions citizens have with their government require in-person interactions: coming to the office, etc. In the private sector, however, most interactions can happen digitally: paying bills, purchasing goods, etc. The city should have a full suite of digital tools and applications that enable citizens to engage with their government online.
<b>Please provide any available cost information below.</b>	Pilot: \$150K. Two developers and one designer for 4 months to build out 8-10 digital services
<b>How would you measure the success of your idea?</b>	<ul style="list-style-type: none"> <li>- # of services made digital</li> <li>- # of users using the digital services</li> <li>- Cost saved by using digital services instead of in-person</li> </ul>
<b>Would this idea have an impact on more than one department? If yes, which ones? Would it help departments work together?</b>	The digital services team would work with various depts, based on the popularity of their services and the opportunity for a digital interface. Currently opportunities are already identified around immigration information, parks facilities reservations, and city facility issue submission. The team would take a rigorous process of understanding where opportunities are, following the model from the UK Digital team, which based on research identified the top 25 services to transform digitally.

Innovation Fund Idea Submission #2

<b>Name of your project idea:</b>	Rapid Response Vehicle (RRV)
<b>City Department</b>	LAFD
<b>Recommended Allocation</b>	\$82,856
<b>My "What IF" idea is:</b>	<p>What if the LAFD had a fast, mobile, paramedic-staffed advanced life support unit that could quickly respond to critical 911 EMS calls to provide rapid patient assessment and initiate time-critical medical care? This unit would operate in a given battalion and would provide a first line of information / "defense" to help cases of EMS calls and relay needed information to battalion HQ.</p>
<b>Please tell us what problem your idea is trying to solve, or what opportunity you see.</b>	<p>The Problem: The Los Angeles Fire Department is the second busiest EMS provider in the United States, responding to 350,000 incidents per year, with a typical annual increase in volume of 2%. With a steadily growing population and increasing utilization of the 911 system for all types of medical emergencies, LAFD resources have been exceedingly busy. In addition to the increasing EMS call load, emergency department overcrowding has resulted in prolonged turnaround times for LAFD ambulances in area hospitals. A majority of EMS calls involve the dispatch of a fire company (engine or truck) along with an ambulance (either EMT or paramedic). Often the first ambulance on scene cancels the fire company, or the fire company on scene downgrades the dispatched paramedic ambulance to an EMT ambulance. At periods of peak call loads (typically weekday afternoon and evenings), response times for paramedic ambulances may be prolonged, potentially compromising patient care.</p> <p>The Opportunity: The Rapid Response Vehicle (RRV) will be an extension of our existing fleet of resources, comprised of our new brush patrol rig and staffed by two FF/Paramedics. The RRV will be staffed to work 12 hour shifts, from 0800-2000 hours, Monday through Wednesday, which is the period of time of maximal EMS call load. The RRV will be assigned to a very busy neighborhood of the City to help decrease response times to medical emergencies and also free up both fire resources and ambulances in this area. The RRV will respond to both structure fires and EMS calls throughout their 12 hour shift. This resource would be classified as an ALS assessment resource, since they would carry an Advanced Life Support assessment package of equipment and medications. They would be a highly mobile triage, assessment, and treatment resource.</p> <p>The objectives of the Rapid Response Vehicle are the following:</p> <ol style="list-style-type: none"> <li>1. Decrease response times. Since the Rapid Response Vehicle will be roving within a battalion and will not be responding from quarters, they will be able to decrease response times to calls within the first-in district where they are located since there will be no "turnout time".</li> <li>2. Perform on-scene triage. When the Rapid Response Vehicle arrives on scene prior to the dispatched resources they will then be able to cancel resources, cancel fire.</li> <li>3. Companies, upgrade/downgrade ALS/BLS ambulances, or add resources as indicated. It is anticipated that they will frequently cancel fire companies on high level ALS calls and downgrade many ALS calls from a paramedic ambulance to an EMT ambulance.</li> <li>4. Provide rapid treatment for patients who require time-critical interventions. The Rapid</li> </ol>

Response Vehicle will enable both BLS and ALS rapid assessment and treatment for high acuity patients, since they will be functioning as a mobile ALS assessment resource staffed by one EMT and one paramedic.

5. Handle AMAs (against medical advice). AMAs require the dispatch of an ALS resource, so they currently tie up assessment engines, assessment light forces, or paramedic ambulances. These AMAs would be handled by the Rapid Response Vehicle.

6. Provide additional manpower for an EMS incident. An EMT or paramedic ambulance dispatched alone at times requests an engine for additional staffing needs on scene. The Rapid Response Vehicle would handle this task and cancel the dispatch of a fire company on these calls.

7. Respond to structure fires. The Rapid Response Vehicle can respond to structure fires as a brush patrol rig and assist as requested by the Incident Commander. They will be released as soon as possible and not remain on scene for any overhauls.

#### Pilot program

The RRV pilot program will run from May 1, 2015 through October 30, 2015. It will be based in Battalion 13 out of FS 64, which serves the Watts neighborhood. Battalion 13 is our busiest battalion, it has the highest acuity patients, and its ambulances encounter the highest number of NAV hours waiting at hospitals to transfer care. FS 64 in Watts is one of our busiest first-in districts, which is located in an underserved area with a vulnerable patient population. FS 64 is a new, regional fire station which has sufficient room to house the RRV.

The RRV will operate from Monday through Thursday, 0800 – 2000 hours. The RRV will attach themselves to incidents within Battalion 13. Their radio designation will be RRV1. Whenever a fire company is dispatched on an EMS incident within the first-in district where the RRV happens to be located, the RRV is expected to request to be added to the incident through MFC and cancel a fire company if one is already dispatched, and respond emergency to the incident. (The following exceptions apply to canceling the fire company: shootings, stabbings, incidents on freeways, reported violent/combatative patients, or reported cardiac arrests.) The RRV is expected to be available (AVI) on the radio within Battalion 13 for the duration of their shift, excluding necessary breaks/meals, etc.

Once on scene, the RRV will perform a patient assessment and initiate patient care as appropriate. The RRV can upgrade or downgrade the responding BLS/ALS ambulance as indicated. The RRV will complete an ePCR on every EMS incident to which they are attached and for each patient that they assess.

**Please provide any available cost information below.**

2 FF/PMs\*: \$58.50/hr, 960 hrs, at a total cost of \$56,160  
ALS assessment supplies: \$22,196.50/unit, 1 unit, total cost \$22,196.5  
Mobile Touch Device: \$4,500/unit, 1 unit, total cost \$4,500  
GRAND TOTAL: \$82,856  
\*2 position @ \$58.50/hr x 12 hrs/day x 40 days = 960 V hours

**How would you measure the success of your idea?**

**A. Patient Centered Outcomes:**

1. Number of incidents where the RRV performs an Advanced Life Support assessment prior to the arrival of the first dispatched ALS resource
2. Decreased response time of the RRV (RRV on scene time compared to on-scene time to first resource and first ALS resource)
3. Number and type of ALS interventions by the RRV
4. Number of incidents where the RRV performs time-critical, life-saving interventions prior to the arrival of the first fire company or ambulance

**B. System-Level Outcomes**

1. Number of incidents where the RRV is first on-scene
2. Number of RRV responses per day
3. Number of incidents where a fire company is canceled by the RRV
4. Number of incidents where a paramedic ambulance is canceled by the RRV
5. Number of incidents where the RRV upgrades a BLS RA to an ALS RA
6. Number of incidents where the RRV handles an AMA
7. Number of structure fire responses by the RRV

No. This program will only involve the LAFD.

**Would this idea have an impact on more than one department? If yes, which ones? Would it help departments work together?**

Innovation Fund Idea Submission #3

<b>Name of your project idea:</b>	Median Design Competition
<b>City Department</b>	Public Works (primary), Cultural Affairs, DOT
<b>Recommended Allocation</b>	\$35,000
<b>My "What IF" idea is:</b>	Create a competition to create a "Kit of Parts" for median projects that include streamlined permitting and little to no irrigation to address the drought conditions and the blue prints for communities wishing to overhaul their community medians
<b>Please tell us what problem your idea is trying to solve, or what opportunity you see.</b>	<p>Many city medians are in disrepair and/or poorly maintained due to budget constraints, broken irrigation systems and lack of vision/design.</p> <p>The idea would be to launch a competition to enlist the participation landscape architects that can (with in collaboration with approved native plants) help construct pre-approved "kit of parts" to provide some options for communities to consider as a community amenity/improvement.</p> <p>The outcome would produce approved plans that could simply be adopted and funded by neighborhood councils or other community groups to implement.</p> <p>This collaboration would leverage City expertise (BOE/Street Services) eliminate use of irrigated medians which are unsustainable and a huge burden to maintain, and provide vision and solutions for communities unable to afford the cost of individually retaining the services of a landscape architect.</p>
<b>Please provide any available cost information below.</b>	\$35,000 for competition prize and pilot expenses
<b>How would you measure the success of your idea?</b>	<p>We adopt a usable set of plans that could be utilized by communities throughout the city.</p> <p>We could measure:</p> <ul style="list-style-type: none"> <li>- Water savings,</li> <li>- Beautification and elimination of blighted medians,</li> <li>- Improved resident perception of neighborhoods, and</li> <li>- Reduced costs of support for median upkeep.</li> </ul>
<b>Would this idea have an impact on more than one department? If yes, which ones? Would it help departments work together?</b>	Yes - Public Works, Cultural Affairs, DOT