

Name of your project idea:	The Los Angeles Fire Department Nurse Practitioner Response Unit (LAFD-NPRU)
My "What IF" idea is:	What if Angelenos who call 911 with low-acuity complaints could be safely evaluated, treated, and released without ever having to step foot in an emergency room? By placing the most innovative, compact, and portable technology in the hands of a Nurse Practitioner who responds on a specially designated Los Angeles Fire Department ambulance, we would have the potential to transform how healthcare is provided to the citizens of Los Angeles. Through this pioneering approach the "emergency room is brought to the patient" to provide convenient yet comprehensive care, including linkage to close medical follow-up and community resources.
Please tell us what problem your idea is trying to solve, or what opportunity you see.	<p>In 2013 the Los Angeles Fire Department (LAFD) responded to 350,000 medical incidents and transported over 210,000 patients, making the department busier than any hospital in the region. At its core the Emergency Medical Service (EMS) system was developed to assist those with a life- or limb-threatening emergency. It is a precious resource that must be available to all citizens of Los Angeles during life-threatening situations. However, over the past decade, the meaning of "emergency" has become blurred. People access the 911-system for varying reasons. Beyond true emergencies, the EMS system has also become a costly taxi service for the most vulnerable and at the expense of tax-payer dollars. And like other institutions providing emergency care, LAFD's ability to respond to truly time-critical medical emergencies is strained by the growing number of calls made by frequent users and patients with low-acuity and non-life-threatening primary care complaints.</p> <p>Vulnerable patients use 911 for non-life-threatening conditions for reasons that are multifaceted and complex. For some, lack of health insurance means having to navigate a complex public system with long waits for office appointments, and thus 911 becomes their only option. Others who are confronting homelessness, substance abuse and psychiatric issues are caught in a cycle of redundant emergency work-ups and ineffective care plans. This problem has grown exponentially and become rampant in the Los Angeles area. The net result affects EMS and the citizens of Los Angeles both directly and indirectly. Increased EMS volume due to low-priority calls leads to ambulances being unavailable, increased response times for patients in time-critical life-or-death situations, and overcrowded emergency departments (EDs) that are optimally designed to address primary care issues. Since emergency department providers are trained to rule out "worst-first" pathology, ED work-ups are often more aggressive than what a patient would receive had they self-selected to their appropriate level of primary care. This aggressive testing comes at a cost. Patients who access EMS for non-life threatening and non-emergent situations are also affected as they accumulate EMS and hospital charges that may leave them, their families and tax-payers in debt. They incur indirect costs of transportation back home, loss of work, and child care costs. Despite receiving care, the most disheartening consequence is that their underlying chronic issues usually remain un-addressed. With no effective care plan they end up repeating the process only days later, perhaps at a neighboring hospital that is unaware of their recent healthcare visit(s).</p>
Please provide any available cost information below.	<p>Total: \$245,000 for year one</p> <p>Personnel: MD Coordinator and Nurse Practitioner \$175,000/yr. New Equipment: \$50,000 Other cost, disposables: \$20,000</p> <p>In- Kind to be provided by LAFD (Ambulance, personnel, and other essentials): \$750,000</p>

<p>How would you measure the success of your idea?</p>	<ol style="list-style-type: none"> 1. Patient centered outcomes: <ol style="list-style-type: none"> a. Rate of successful patient follow-up with non-emergency healthcare providers, social service organizations and establishment of a medical home b. Medication regiment/Disease management adherence following NPRU education/assessment c. Rate of adverse events, including need for 911 transport, hospitalization, ICU admission or expiration within 72 hours d. Patients satisfaction regarding quality of care, confidence in self-care ability, and quality of life immediately after encounter as well as 1, 7 and 30 days after. e. Comparative ED utilization by individual patient pre- versus post-NPRU deployment 2. System-level outcomes: <ol style="list-style-type: none"> a. Quantifiable metrics, including NPRU responses per shift, day, month; mean time to scene and time on scene; calls by time and day of the week; aggregate patient demographic information (age, gender, housing status, self-reported ethnicity); provider impression by month with percent, types of referrals used and coordination efficacy; patient disposition, hospital destination if transported, insurance coverage by month, and quarterly summary data b. Rates of 911 system utilization by top 100 frequent users compared to historical controls c. Total LAFD transports averted, estimates of increased time in service for other emergencies, local response times, and provider morale as evinced by qualitative and quantitative surveys <p>All such data collection would be conducted in accordance with laws governing patient confidentiality and privacy.</p>
<p>Would this idea have an impact on more than one department? If yes, which ones? Would it help departments work together?</p>	<p>The totality and impact of this program will be profound on multiple departments. It will transcend how the City of Los Angeles provides healthcare and will place the LAFD on the cutting edge by using an innovative program to provide definitive care to low acuity patients on scene and allow its field resources to become available to respond to time-critical emergencies. It will allow how the several city departments to reduce healthcare expenditures. Social services, LAFD, LAPD, Housing Authority, Department of Aging, Emergency Management, and the numerous private community resources scattered throughout the city.</p>
<p>Review status:</p>	<p>CAO - Complete IPC - Complete GM - Complete</p>

Name of your project idea:	3D printed architectural model making
City Department	Bureau of Engineering
My "What IF" idea is:	... for the Bureau of Engineering 's Architectural Division staff to utilize three dimensional (3D) printing technology to build architectural and engineering scaled physical models of conceptual design projects and for presentations to client Departments, oversight Commissions, and the general public. Engineering staff currently uses Autodesk AutoCAD and Revit for project conceptual design and construction document production. Autodesk is currently soliciting beta testing partners for it Ember 3D printer and its Spark 3D printing open source software platform. Engineering staff should be early adopter of Autodesk's 3D program to be a leader in 3D architectural model making. Engineering's Vision is "To lead the transformation of Los Angeles into the world's most livable city" Our vision statement is aligned with Mayor Garcetti's Priority Outcomes and 3D printing will help us to achieve these goals.
Please tell us what problem your idea is trying to solve, or what opportunity you see.	Architects have traditionally made models by hand assembling cardboard, wood, and foam materials. This traditional process is resource and time consuming, has caused worker injuries, and constrains staff creativity. Today, architectural designers utilize Building Information Modeling (BIM) software such as Autodesk Revit to develop digital 3D renderings. With the advent of 3D printing technology staff should now be able to efficiently printout 3D physical models of their renderings. However, commercially available 3D printers, such as fused deposition modeling, have technical limitations and high print failure rates. As an example, Autodesk is proposing superior stereolithography 3D printing combined with their open source Spark 3D software that they claim will streamline the 3D printing process.
Please provide any available cost information below.	Assuming that Autodesk grants the City's Engineering an "Access Pass" to their Ember Explorer program, the cost for the package will be approximately \$5995.00 which includes an "early build SLA DLP-based Ember printer, Ember Explorer supplies, Ember Explorer finishing kit, exclusive access to dedicated technical support, information and events, and the option to provide direct feedback and impact the final production of the Ember printer." We are requesting an additional \$4,000.00 to provide staff training and to acquire related hardware, such as a 3D image capturing device, for a total request of \$9,995.00. Nominal future costs to procure supplies and upgrade software may be requested in future fiscal years through the City's traditional budget approval process.
How would you measure the success of your idea?	During Fiscal Year 2015-16 1) the Architectural Division should be able to produce a least one professional presentation quality 3D printed model; and 2) At least 10 Engineering design employees will have received training and/or obtained experience using the 3D printer and software to build 3D models using their projects' Revit 3D renderings.
Would this idea have an impact on more than one department? If yes, which ones? Would it help departments work together?	In addition to Engineering, City Departments that provide engineering, architectural, urban planning, and infrastructure services such as Building and Safety, City Planning, Transportation, Public Works, Recreation and Parks, LADWP, Harbor, and Airports can use 3D printers. This technology will help departments work together. For example, Engineering can present 3D models to client Departments for charettes and make presentations to the Cultural Affairs Commission for design approvals.
Review status:	CAO – Has reviewed GM – Has endorsed submission IPC - Complete

Name of your project idea:	Can I Park Here Now?
My "What IF" idea is:	Revolutionize the parking experience in the City of Los Angeles by creating new, clear and innovative parking signs that make it easy for the public to understand. We can potentially incorporate technology such a number to text, or display a red/green light to let the public know whether or not they can park there.
Please tell us what problem your idea is trying to solve, or what opportunity you see.	The parking sign program is aimed at improving the public's quality of life by reducing the frustration and confusion associated with deciphering multiple parking restrictions when there are complex parking policies requiring four or more parking signs on one post. There is an opportunity to take an innovative approach to parking sign design and make it easier to know if you can park at your destination, thereby improving the parking experience and perception of parking in LA.
Please provide any available cost information below.	Total Cost: \$60,000 Design/Labor/Materials: \$30,000 Public Education (Handouts, Web/Mobile App Design, etc.): \$20,000 Project Evaluation (Focus Groups, Surveys, Reporting): \$10,000
How would you measure the success of your idea?	Implement the new signage along street segments in two demonstration areas (Downtown LA and Hollywood) and measure the public's acceptance with surveys, the number of specific types of parking citations, and the difference in meter revenue.
Would this idea have an impact on more than one department? If yes, which ones? Would it help departments work together?	The initial impact would primarily be to the Department of Transportation, the public and key stakeholders in the demonstration areas such as the business improvement districts and business owners. Assuming the idea is successful, it could have a national impact.
Review status:	CAO - In progress IPC - Complete GM - Complete

Name of your project idea:	MyPayLA
City Department	Controller and ITA
Recommended Allocation	\$35,000
My "What IF" idea is:	<p>What if we had payroll Information at employee fingertips? The City should develop a mobile payroll viewing app "MyPayLA". A mobile app will be simpler to use and provide easy access to key information, such as: Gross and net pay Deductions Leave balances Additionally, copies of current and prior paystubs as well as W-2's will also become available for future reference, printing and email.</p> <p>Unlike the limitations faced when viewing pay stubs on City computers, a payroll app offers the flexibility to access information anytime and from anywhere in a much more user-friendly interface, offering greater convenience for the users. The paycheck information will be available on Friday prior to payday therefore it is anticipated that many employees will view their paycheck information over the weekend using MyPayLA, thus reducing the need to access it at work. Even if employees use MyPayLA at work, its simplicity and ease of use compared to the current process will reduce the time it takes to access pay information. It is anticipated that MyPayLA will not only save paper and printing costs but will also create significant value for the City and its team members by improving efficiency of the current process and eliminating unnecessary waste of scarce human talent and energy.</p>
Please tell us what problem your idea is trying to solve, or what opportunity you see.	<p>City employees are paid biweekly, 90% of whom receive their pay via direct deposit into their bank accounts. However, they can only view their paycheck stubs or earning statements on a city computer while at work. Annually about 28,000 City employees access their paycheck stubs a total of 900,000 times to view pay information, such as gross and net pay, deductions and leave balances. It is estimated that an employee spends 3-5 minutes during each access period on viewing, printing and/or saving and emailing a PDF. Employees are also inconvenienced when they require paystubs for loans or credit applications and have to go to their City computers to get this information. This process is further limited because employees in the field do not have ready access to City computers and cannot view or obtain their pay stubs. Additionally, the City prints and distributes approximately 225,000 paper remittance advices annually. It is estimated that a significant amount of the City's most valuable resource, human talent is wasted due to the current cumbersome and inefficient process.</p>
Please provide any available cost information below.	<p>The cost of hosting the payroll mobile app is \$35,000 annually (does not include cost of staff time for development of app).</p> <p>Popularity of mobile devices and their use as source for easy access to important information combined with MyPayLA's simplicity, ease of use and access is likely to result in significant participation by employees in a short period of time. While exact benefits of MyPayLA for both City and its employees will depend on participation level, a conservative 50% employee participation estimate could result in following annual benefits:</p> <p>Hard Cost Savings:</p> <ol style="list-style-type: none"> 1. \$30,000-\$35,000 in costs associated with paper and printing of pay stubs or remittance advices by employees as well as costs associated with printing and distribution of remittance advices by the City.

	<p>Value Creation</p> <p>1. \$600,000-\$700,000 in annual value by preserving and rechanneling scarce human talent.</p> <p>Additional Benefits:</p> <ol style="list-style-type: none"> 1. Elimination of inefficient or unnecessary tasks creating a positive impact on performance citywide. 2. Ability and convenience to access information any time and from anywhere is beneficial for employees and a potential morale booster. 3. Exemplifies the City's commitment to stay ahead of the times rather than behind and reflects the City's emergence into the technological mainstream by becoming one of the very few large cities to venture into this arena. 4. Reduction in paper and printing will help the environment and promote greater awareness, consciousness and support for additional paperless initiatives. 5. Encourages further public private partnerships and collaboration with both internal and external partners to implement leadership's vision of establishing the City as the best-run big City in America. 6. Provides a very high return on investment in a short period of time. 7. Will create a platform for future enhancements and development of other interactive applications to deliver additional efficiencies and cost saving opportunities in the future as payroll constitutes the largest expenditure in City budget. 8. Facilitate implementation of options for effective communication and connectivity with City employees especially in case of emergencies and disasters.
<p>How would you measure the success of your idea?</p>	<p>By witnessing a declining trend of users using D-Time on City computers to check pay stubs and an increasing trend of MyPayLA users. Increase in employee satisfaction scores in this area.</p>
<p>Would this idea have an impact on more than one department? If yes, which ones? Would it help departments work together?</p>	<p>Yes: All City departments and employees except DWP will benefit. Even part-time and off-site employees will have easy access to their pay information.</p> <p>The project is a collaboration between the Controller's Office and ITA</p>
<p>Additional Information</p>	<p>Controller's vision and enthusiasm to promote innovation as a tool to improve efficiency of current processes and implement new ones to create value for the City resonates with and motivates his team. As a result Controller's team will implement this project within 120 days of receiving funding.</p>
<p>Review status:</p>	<p>CAO – Has not reviewed GM – Controller has endorsed submission</p>

Name of your project idea:	One Stop Shop for City Workforce Candidates
City Department	Personnel
Recommended Allocation	\$35,000
My "What IF" idea is:	What if all city commission, volunteer, internship and apprenticeship positions were also shared and managed via the central City Personnel (http://per.lacity.org) website? This would create a "one stop shop" for all who are looking for affiliation with the city.
Please tell us what problem your idea is trying to solve, or what opportunity you see.	<p>Today, exempt and non-exempt city positions are posted on the Personnel site. However, other types of formal affiliation opportunities within the city (i.e., interns, volunteers, apprentices, commissioners) are tribal to identify and apply for. Volunteers need to go to departmental websites to see what is available (and it's not always current). There is no centralized internship or apprenticeship portal for the city, which makes so much sense. Open commission seats are very difficult to identify for public outreach. This creates a transparent, easy-to-access site to address all of these issues.</p> <p>This solution would adapt the current platform to make it easy to indicate interest in multiple opportunities simultaneously. Each job's specific application process will remain, but this would centralize all of those engagement touchpoints and place the Personnel Department central to the solution.</p>
Please provide any available cost information below.	The edits to the public site to accommodate new categories (i.e., interns, volunteers, apprentices, commissioners) should cost no more than \$10,000 of ITA or contractor time. The effort to gather workforce opportunity information from across city family and establish an ongoing information flow with Personnel should be a one-time resource need of \$25,000 (~300 resource hours). Total submission estimate: \$35,000.
How would you measure the success of your idea?	<p>Improved Customer Service:</p> <ol style="list-style-type: none"> 1. All known city workforce needs (exempt, non-exempt, interns, volunteers, apprentices, commissioners, etc.) are easily identified and tracked via the adapted Personnel site. 2. We should see an uptick in interest for these types of roles that had been previously more difficult to find. 3. Reduce number of click strokes for applicants of multiple jobs within the city family. <p>Value Creation: \$100,000-\$200,000 in annual value by preserving and rechanneling scarce human resources.</p>
Would this idea have an impact on more than one department? If yes, which ones? Would it help departments work together?	Yes, this is a city-wide initiative. All departments will need to cooperate in the process of sharing workforce information with the public, as opposed to duplicating processes in each department.
Review status:	<p>CAO – Has not reviewed GM – Has not been consulted</p> <p><u>NOTE:</u> This recommendation will include a referral to ITA and Personnel for scope and cost verification. If determined that costs exceed allocation recommendation, submission will be reconsidered by IPC.</p>

Name of your project idea:	Automated Inspection Units
City Department	Water and Power
Recommended Allocation	\$5,000
My "What IF" idea is:	The use of automated units to inspect penstocks and insulators on power poles. It will cut the cost of resource time and increase safety. This pilot would test that theory.
Please tell us what problem your idea is trying to solve, or what opportunity you see.	<p>To increase safety. Right now it takes 5-7 people 3-4 hours to do a penstock walk at Castaic Power Plant. With an automated inspection unit, the time to do the inspection can be cut in half or better with a video recording of the inspections. The unit can be on a preprogrammed course to inspect whatever the engineer needs to assess any damage of erosion. This eliminates the danger for plant personal increasing safety. You would only have to go out if a problem was found.</p> <p>Submitter has already done some preliminary testing using a personal drone with very good success. He has programmed 4 wye points into the drone and it "followed them perfectly". Submitter has a video of the test flight. Penstock walks at Castaic Power Plant are very dangerous due the steepness of the grade and rattlesnakes. This would help elevate the problem plus produce a permanent record.</p>
Please provide any available cost information below.	(IPC Estimate) \$5,000 for a pilot of up to 3 experimental units. Future cost for commercial drones would be higher depending on equipment.
How would you measure the success of your idea?	<ul style="list-style-type: none"> - Reduction of inspection time - Increased speed to respond to service needs - Reduction of human injury - Maintained level of data collection - Reduction of personnel time for inspections in scope, which can be redeployed to over high value activities <p>Value Creation: \$50,000-\$100,000 in annual value by preserving and rechanneling scarce human talent.</p>
Would this idea have an impact on more than one department? If yes, which ones? Would it help departments work together?	It could impact every department for safety of employees and cost cutting. The technology could be integrated across departments.
Review status:	<p>CAO – Has not reviewed GM – Supports idea.</p> <p><u>NOTE:</u> This recommendation will include a referral to DWP for scope and cost verification. If determined that costs exceed allocation recommendation, submission will be reconsidered by IPC.</p>

Name of your project idea:	Online Police Reports
City Department	LAPD
Recommended Allocation	\$50,000
My "What IF" idea is:	<p>What if we implement a system so people could file lost/stolen property reports online? This is currently being done by LA Sheriff's Department. The LASD system (http://shq.lasdnews.net/shq/SORTS/sorts_intro.aspx) allows someone to file a specific type of crime or incident report through this website. Once the report is reviewed and accepted, they receive a free copy of the approved report emailed for their records.</p> <p>Individuals can report the following incidents on the LASD site:</p> <ul style="list-style-type: none"> • Lost or stolen cell phones valued \$950 or less • Lost or stolen property valued \$950 or less • Vandalism, excluding graffiti, where damage is valued under \$400 • Theft from an unlocked vehicle valued \$950 or less • Theft from an open or unsecured area valued \$950 or less • Supplemental Loss Form (Must already have a LASD report number) <p>All cases filed within this system will be reviewed. Department policy will dictate the level of investigation needed for the incident reported. A Deputy Sheriff may need to follow-up by email, telephone, or in person, if the incident requires further investigation.</p> <p>We could also look into adding other crimes where the individual doesn't want to press charges, but wants it documented for insurance purposes.</p>
Please tell us what problem your idea is trying to solve, or what opportunity you see.	This would reduce the number of officers responding to non-workable or no-follow up reports and allow them to continue to spend time on other high value activities. This will also improve customer service options.
Please provide any available cost information below.	(Estimate by IPC) \$50,000 – website development, backend process review time, rollout activities
How would you measure the success of your idea?	<ul style="list-style-type: none"> - Improved response time for report generation - Increased number of reports filed - Reduction of officer time for report types in scope, allowing for redeployment to high value activities <p>Value Creation: \$250,000-\$500,000 in annual value by preserving and rechanneling human resources supporting the current process</p>
Would this idea have an impact on more than one department? If yes, which ones? Would it help departments work together?	Not sure if this would be handled by LAPD and ITA. Or if they would contract outside with a Vendor.
Review status:	<p>CAO – Has not reviewed GM – Has not been consulted NOTE: This recommendation will include a referral to LAPD for scope and cost verification.</p>

	If determined that costs exceed allocation recommendation, submission will be reconsidered by IPC.
Name of your project idea:	LA SAN Extra Capacity Tag Online Automation
City Department	Sanitation
Recommended Allocation	\$25,000
My "What IF" idea is:	Currently the Bureau of Sanitation requires residents to go to the nearest solid resources field office to purchase extra capacity tags. These tags are for excess material that does not fit in the residential bins, example old carpet or lumber, and are affix to the material for pickup by Sanitation refuse trucks. My idea (What IF) these extra capacity tags are made available (sold) online on the City's website or the Bureau's website and the resident can print out the tag -- similar to printing out your airplane boarding pass. By providing these online, it may be more convenient for residents and may boost participation in tag use that would result in less material being discarded inappropriately.
Please tell us what problem your idea is trying to solve, or what opportunity you see.	My idea would make it easier for City residents to acquire "extra capacity tags" and may result in less large material being discarded inappropriately. Also, it may result in more use of the program that may result in additional revenue to LA SAN. The opportunity that I see is that the City can leverage online resources that much of the general public uses and possibly generate savings. Savings would be realize in that less staff would be needed to manage the program, record keeping would be automated in the tracking of sales, and savings in printing costs since the tags would not be printed by the City but the residents themselves.
Please provide any available cost information below.	(Estimate by IPC) \$25,000 – website development for purchase and print of tags
How would you measure the success of your idea?	<ul style="list-style-type: none"> - Increased sales generated, compared to historical figures - Increased mass of material collected versus that of historical data - Improved customer service scores in this category <p>Value Creation: \$50,000-\$100,000 in annual value by preserving and rechanneling in-person resources supporting the current process</p>
Would this idea have an impact on more than one department? If yes, which ones? Would it help departments work together?	This idea would impact more than one department such as Street Services, DOT, LAPD, and others that have a role in the quality of life of City residents. The upkeep of a neighborhood, by both the resident and City, would help keep a community healthy that would be passed on to its residents.
Review status:	<p>CAO – Has not reviewed GM – Has not been consulted</p> <p>NOTE: This recommendation will include a referral to ITA and Sanitation for scope and cost verification. If determined that costs exceed allocation recommendation, submission will be reconsidered by IPC.</p>