CITY OF PORTLAND INNOVATION FUND

Fiscal Year 2015-16

Micro-grant Proposals Recommended to Council for Funding

July 2015

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City Innovation Fund
Micro-grant Proposals Recommended to Council for Funding
Fiscal Year 2015-2016
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THE CITY INNOVATION FUND

CALL FOR MICRO-GRANT IDEAS (*$20,000 or less)*

Fill in the expandable shaded areas. No more than one page please.

Project Title:	Community Center Kiosks	**Innovation Request Amount:**	$20,000		
Primary Contact:	Margaret Evans	**Phone:**	(503)823-5118	**Bureau:**	Portland Parks & Recreation

Describe the Problem/Opportunity:
What is the challenge your proposal seeks to address, or opportunity it seeks to create?

This request includes an addendum to the original micro grant idea submitted by Sam Sachs. The original request provided the following problem statement:

> The problem is that currently the only way to apply for a job with the city is through on-line or a computer. This is a problem for many community members who may not be able to afford a computer or have access to one. It also can create a barrier for those in the disabled community who may need some kind of assistance or also don't have access to on line applications. Child care is a huge barrier as well.

Describe the Proposed Solution/Strategy:
What is your idea for solving this problem or creating this opportunity?

The original idea warranted further analysis. Portland Parks & Recreation (PP&R) and the Bureau of Human Resources partnered together to conduct an analysis and plan of action. The analysis included site inspections at certain community centers to identify a viable location. East Portland Community Center (EPCC) was identified as the best location for a pilot kiosk. The PP&R and BHR partners have agreed to provide the following:

PP&R – EPCC would host the kiosk. The structure for the computer kiosk terminal would consist of an ADA compliant computer work station table 60 inches long by 24 inches deep. This table would allow for wheelchair access for two users at a time and would be height adjustable. The computer CPU case would be housed in a secure cage mounted under the table and users would have access to a monitor, keyboard, mouse, USB hub, and page scanner on the tabletop. Existing power receptacles are in place and sufficient for the project's needs. Additional kiosk features would include media racks on either side of the table for printed NeoGov help materials, and pin board installed behind the table area to hold multi-lingual posters and other training materials and information. Estimated materials and labor is $10,000.

BHR - There is a need to have a person on site to assist users with some of the basic computer skills required to effectively use NeoGov. For the pilot we propose 600 hours of time. We would work with community groups such as Work Systems, Inc. and IRCO to hire a person who is computer savvy and has strong verbal communication and interpersonal skills. An intern who is interested in human resources from PSU or another institution is another potential source for this resource. This "NeoGov assistant" would report to BHR, be trained in NeoGov and would have technical back up from seasoned Sr. HR Analysts who are responsible for the city's recruitments via telephone support. There will also be written job aids as further supplementation. The hours would need to be flexible as we envision providing a staffed kiosk in late afternoon/early evening hours and on one weekend day to ensure potential applicants who are currently employed have access to this service. Estimated staffing cost is $10,000.

Potential Outcomes:
Who might benefit from the idea being implemented? Who might be burdened? How does this project make Portland, and/or the City organization, better? Does it promote equity? Does it create efficiencies?

Community members and partner organizations that need the assistance in providing accessibility and resources to competitively be considered for City of Portland employment. The location of EPCC will directly provide a valuable resource to residents of East Portland.

Lead Bureau & Partners:
List lead bureau and other bureaus, nonprofits, and public/private sector organizations involved with implementing your idea.
Please note: Prior to the Innovation Review Panel making any recommendation on this proposal, <u>you must confirm</u> that all partners needed to implement the idea have agreed to sign on.

Portland Parks & Recreation and Bureau of Human Resources

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The CITY OF PORTLAND Oregon

INNOVATION PROJECT PROPOSAL

Crime Scene Processing Time Reduction

Request Amount	Lead Bureau	Proposal Status
$8,895	Police Bureau	Pending Approval

Primary Contact	Phone
Christopher Wormdahl	971-255-7845

Describe the Problem/Opportunity

Homicide crime scenes in the City of Portland are documented with 3D laser scanning technology that captures the physical measurements of all scanned objects. This documentation measurement technology utilizes a panoramic image for investigators, District Attorneys, and Juries to view the scene and take measurements of objects in a web based viewing software called, TruView.

At scenes, criminalists obtain scans from multiple locations to capture all possible viewpoints, eliminate shadow areas and capture data for analysis of bloodstain or trajectories. Depending on the size and location of a crime scene, one to as many as several dozen scans can be required. The image acquisition process requires the majority of time as the scanner's camera captures 279 images for a 270° by 360° panoramic image. The capture time is increased and quality is decreased in the photographic images when the scene is poorly illuminated at indoor or evening light conditions due to the scanner utilizing a lower resolution camera. The capture time of the panoramic images require approximately 9 minutes per location scanned. On average, seven scan locations are needed to capture a scene. The cumulative capture time of the panoramic images (9 minutes x 7 scans = 63 minutes) has created a substantial delay in allowing homicide investigators access to the scene to initiate their examination of the physical scene.

Describe the Proposed Solution/Strategy

Time savings: The Forensic Evidence Division (FED) is seeking to reduce the capture time of the panoramic image capture process. They are seeking funding to purchase an IStar panoramic camera. In normal lighting conditions, the iStar Fusion camera captures and stitches the required image in 30 seconds. The high speed automated panoramic camera reduces image capture time by approximately eight minutes. This savings is significant when multiple scans are required to document a scene.

Improve work product: FED would like to use the IStar camera to improve the photographic images obtained in low light scenes as a second goal. The scanner's camera does not obtain quality images in low light. Currently panoramic images in low light are either not taken, or are of substandard quality. Even with the addition of external lights illuminating the scene, the scanner's camera does not provide a high quality panoramic image. The requested IStar camera is designed for high dynamic image capture in low light and can obtain this 360 degree image in approximately 2 ½ minutes.

The use of the IStar camera will ensure color data is mapped to laser scanned (point cloud) data allowing higher quality post production animations and witness views to be produced.

Potential Outcomes

Investigators will be the first to benefit from the implementation of this request. Quicker access to scenes to begin the investigative process and access to better preserved data will move an investigation forward. The District Attorney's office will also benefit from this grant by receiving better quality evidence to show juries a clearer picture of what occurred on scene.

This request makes the City and the Police Bureau better and more efficient by creating a higher quality work product in a shorter amount of time. The documentation phase of crime scene investigations is critical.

Fragile evidence needs to be preserved as fast as possible on victims and physical evidence to prevent destruction or degradation by the elements. Additionally, it will create savings in work flow and hours at a scene which equate to a fiscal savings for the city.

This proposal will support equity and human rights by allowing the Bureau to effectively investigate and preserve the dignity of victims and care for the emotional stress of victim's families. It has not been uncommon for homicide victims to remain in the street for hours while their families have stood at the perimeter tape while the scene is being documented. A significant reduction in documentation time allows for the medical examiner to assess and remove the victim from the public view and shorten this stressful moment.

Lead Bureau & Partners

Multnomah County District Attorney's Office

City Risk Management

State Medical Examiner's Office

Source URL: http://innovate.portlandoregon.gov/proposal/crime-scene-processing-time-reduction

The CITY OF PORTLAND Oregon

INNOVATION PROJECT PROPOSAL

Driver Safety and Education for English Language Learners

Request Amount	**Lead Bureau**	**Proposal Status**
$20,000	Police Bureau	Pending Approval
Primary Contact	**Phone**	
Sergeant David Abrahamson	503 793-3837	

Describe the Problem/Opportunity

Currently there is not driver education training provided for immigrants in Oregon or materials to properly educate them. Only students under 18 qualify for ODOT subsidy for driver's education courses taught in English. Additionally, the only printed version of the Oregon Driver's Manual is in English and Spanish.

Because of this, our roadways and court rooms are inundated with traffic safety issues related to immigrants who have not been properly trained or equipped to drive on our highway system; As a sergeant overseeing the Major Crash Team for Portland Police Bureau and Traffic Investigations Unit, we are seeing an adverse effect from the lack of training and equitable resources available.

Secondly, as the vision of the program is multi-faceted, and as it has been more difficult to connect threads with diverse cultures in our community, this program would be a catalyst providing the Police Bureau with the opportunity to solidify relationships within diverse cultural groups, while also educating and empowering safe driver's on our roadways. Currently, a panel of members from ODOT, Oregon Impact, PBOT, PPB Trainers and the Traffic Division have met monthly to address this issue, but lacks funding to make this vision a reality in our community.

This program attempts to provide equitable driver safety training and printed material for the English Language Learners within our community.

Describe the Proposed Solution/Strategy

- The primary objective is for PPB police officers to educate, train and empower cultural diverse communities, new immigrants and ESL students in the Portland
- Metropolitan area with classroom and hands-on driver's education training will be conducted at Portland Police Bureau's Training Facility, thus improving awareness and traffic safety in our community
- Secondly, we plan on printing the Driver's Manual in Russian/Urkanian
- Lastly, through this we expect that the ominous presence of the police uniform will be broken down and pre-dispositions removed between police and IRNPs. To further this, we plan on partnering with language and cultural-specific organizations in order to leverage connections and the effectiveness of this program. Currently there are 19 different languages spoken by members of the Portland Police Bureau; it would be beneficial to have officers present during training in order to represent our diverse Bureau, to place students at greater ease, and to further the depth of relationships within these communities.
- Curriculum and specifics are being vetted through a subcommittee: ODOT, Oregon Impact, PBOT, PPB Trainers and the Traffic Division. ODOT's Driver Education curriculum has been made available.

Potential Outcomes

Our hope is that we will be able to provide printed material in languages for ELL community groups, and long term, new immigrants will have tools available which will equip them with the ability to safely travel on our road way systems; ultimately reducing serious crashes and saving lives. Secondly, we purpose to equip cultures with hands-on driver training who will then take the training/skills back to their families and communities and a ripple effect will occur within their culture.

Lead Bureau & Partners

Currently, the curriculum and specifics of this vision are being vetted through a subcommittee which meets monthly: ODOT, Oregon Impact, PBOT, PPB Trainers and the Traffic Division. ODOT's Driver Education curriculum has been made available.

Relationships have been built with the following communities and leaders from the Russian Speaking Network, Slavic Advisory Council, Latino Learning Community, African Youth and Community Organization, Bhutanese Organization of USA have all met with us and provided input to where they see the need for driver education and vulnerable road users within their communities. In addition, the ESL program from Mount Hood Community College, which has nearly 2000 students is partnering and allowing students to participate in the program.

Our hope is that other government entities who are involved will see the need and benefit for this and find long term funding for this rapidly growing issue.

Source URL: http://innovate.portlandoregon.gov/proposal/driver-safety-and-education-english-language-learners

The CITY OF PORTLAND Oregon

INNOVATION PROJECT PROPOSAL

Electronic search and set up of new business income tax accounts

Request Amount	Lead Bureau	Proposal Status
$9,500	OMF Revenue & Financial Services	Pending Approval

Primary Contact	Phone
Scott Ellertson	503-964-0501

Describe the Problem/Opportunity

Reduce manual research and set up of new business income tax accounts. Provide better customer service to new business income tax accounts by speeding up the entry of their account registrations.

In 2014 the Revenue Division set up 8,493 accounts of which 60% (5,096) had to be set up manually. Approximately 35 accounts can be researched and set up in the typical day by a Revenue and Tax Specialist. That equates to about 145 days of work for someone earning between $20.84 - $25.74 per hour.

Describe the Proposed Solution/Strategy

Develop an in-house program using existing software that would:

1. Scan in the data from the 2D barcoded tax return that do not have an account number (as is currently used for tax return entry for existing accounts). Electronically search the Revenue Division tax data base to see if an account already exists. Avoid typing in the three separate manual search criteria of tax id, name, and address (this info is captured in the barcode).

2. Allow a more thorough initial search for an existing account by RTS staff in the mailroom. This would dramatically reduce the requirement for a second search that is currently done by higher compensated staff to ensure duplicate accounts are not created.

3. If no account exists, allow RTS staff to use the information (tax id, reporting period, tax account name and address, and tax account start date) in the barcode for setting up the account. Creating an interface/module to do this work speeds account set up by not having to manually type in the information.

Potential Outcomes

Benefits:

1. Customers registering via paper form get their accounts set up faster

2. Free up higher paid staff for collection work tasks by shifting account set up to a lower paid classification (RTS I)

3. Account research and set up drops by 50% and saves approximately $15,347 PER YEAR in staff time. This time savings can be redirected to collection activities, which increase general fund revenues.

Burdened:

1. RTS I staff would need additional training and have the responsibility of creating accounts. However, the current manual account lookup process would be replaced with the much faster 2D barcode process and easily offset the duties for creating the accounts.

Lead Bureau & Partners

Programming will be done by the current Revenue Division contractor - Compass Computing Group. Funding request covers development, testing, roll out and maintenance.

Source URL: http://innovate.portlandoregon.gov/proposal/electronic-search-and-set-new-business-income-tax-accounts

The CITY OF PORTLAND Oregon

INNOVATION PROJECT PROPOSAL

Fitness in the Parks - A Free Outdoor Fitness Program

Request Amount	Lead Bureau	Proposal Status
$20,000	Parks and Recreation	Pending Approval

Primary Contact	Phone
Megan Dirks	503-823-5135

Describe the Problem/Opportunity

Income level shouldn't determine health outcomes, but it often does. By offering free outdoor fitness classes in our parks throughout the City, we remove two important barriers:

- Cost: Fitness class fees, and/or membership at a community center or gym is still too high for many Portlanders. Even for those who can afford the fees, but need extra motivation to exercise, costs may still be a barrier to participation.
- Convenience: People are busy, and it can be difficult for people at all income levels to make time for exercise. By bringing free fitness classes and family friendly activities to parks throughout the City, and by offering classes at lunchtime, in the evenings, and on weekends, we can make a healthy lifestyle more convenient and accessible for more people.

Describe the Proposed Solution/Strategy

A number of U.S. cities offer free outdoor fitness classes, including New York City, St. Paul, MN, San Antonio, TX, and Buffalo, NY. Based on these models, Portland Parks & Recreation will pilot a free outdoor fitness program for twelve weeks (with four free classes per day) in summer 2016. The program will run in conjunction with Summer Free for All, which will allow us to piggyback marketing efforts.

The program will include 12 neighborhood parks and nature trails (2-3 in each area of the city: SE, NE, N, SW, NW, and East). We will select locations away from community centers, so that we can target neighborhoods that don't already have easy access to fitness classes.

Possible Classes Include

- Boot Camp
- Interval Training Cardio Dance Cardio Kickboxing
- Pilates
- Yoga
- Family Yoga
- Kids Running & Exercise training Youth sports conditioning Zumba
- Circuit Training
- Family Fitness
- Tai Chi
- Strength Training
- Lunch Crunch (20 - 30 minute ab workouts)
- Walking groups - Social Walk, Power Walk, 5K Training Running groups

Potential Outcomes

Improve the health and well-being of individuals and communities

- This program will help reduce obesity and incidence of chronic disease by providing opportunities to

increase physical activity in a variety of forms.

- This is an opportunity to support good health for people of all abilities, ages, socio-economic backgrounds, and ethnicities.

- Exercising outdoors provides a connection to nature, which studies demonstrate relieves stress levels, tightens interpersonal relationships, and improves mental health.

Increase capacity, remove obstacles to participation, and serve more Portlanders

- We have limited capacity in our community centers. We are able to serve more Portlanders by moving fitness classes to our many open spaces, and offering classes for free.

Educate families about the importance of physical activity and healthy lifestyle choices

- Active adults enjoy better health, and pass along the values of physical activity to their children.

Activate our parks

- Piloted for summer 2016, and running in conjunction with Summer Free For All, this program is another way to promote positive use in our parks.

Lead Bureau & Partners

- Lead Bureau: Portland Parks & Recreation
- An outdoor fitness program is scalable. With initial investment from the City's Innovation Micro-grant at $20,000, we could offer 12 weeks of programming (4 free classes per day) for summer 2016. This includes the cost of fitness instructors (approx. $10,800), as well as a 6 month, 0.5 fte program coordinator (approx.
- $8,640), and materials (approx. $500). Any additional funds, and/or volunteer hours, secured through partnerships or grants, would be used to expand the program.
- We are organizing a Portland Parks & Recreation Health Symposium for fall 2015. We will be inviting health organizations (Kaiser, Moda, OHSU, Providence, Legacy, etc.). If grant money is secured, it will be perfect timing to reach out to these organizations to see if they are interested in partnering with us.
- We will submit an application for a Nike Employee Grant through the Oregon Community Foundation. Deadline is June 1st, with decisions announced September 30th.
- We will extend volunteer opportunities to our partner and friends groups to lead walking groups on our trails, which has the potential to expand the program further.

Source URL: http://innovate.portlandoregon.gov/proposal/fitness-parks-%E2%80%93-free-outdoor-fitness-program

The CITY OF PORTLAND Oregon

INNOVATION PROJECT PROPOSAL

G.R.E.A.T. Familes Training for the Hispanic community

Request Amount	Lead Bureau	Proposal Status
$20,000	Police Bureau	Pending Approval

Primary Contact	Phone
Lieutenant Mike Fort	503-793-4716

Describe the Problem/Opportunity

I propose to increase the positive relationships between Portland Police officers and members of the Latino community. Currently, the Latino community is the fastest growing demographic in Oregon. From 2000-2010, the Latino population in Oregon grew by 64%, and according to the 2010 census reports, Latinos make up 9.4% of the population in Portland.

The Portland Police Bureau has a need to keep pace with building the relationships that are necessary for public trust and growth for the entire community. With budgets, and other job requirements stretching our abilities to specifically address the needs of the Latino community, we are left with limited opportunities to create and maintain positive relationships with this fast-growing population.

Additionally, many in the Latino community are reluctant to report abuse or other crimes because they fear the police will inquire about their resident status in the U.S. There is a great need to build trust between the police and the Latino community so that crimes against minority women and children can be addressed, and assistance can be offered to those too afraid of the police to ask.

Describe the Proposed Solution/Strategy

Over the years, the Portland Police Bureau's Youth Services Division has offered the **G.R.E.A.T. Families** training to families in Portland. Portland Police officers that are certified to teach this program present the program each week for six weeks with the assistance of a community co-facilitator that is bilingual and is culturally engaged with the Latino community.

The Gang Resistance Education and Training (G.R.E.A.T.) Families curriculum is part of the evidence-based national G.R.E.A.T. program that has proven to help parents maintain strong connections with their children, and is abundantly important in creating relationships between the disenfranchised families and the police officers that serve the community. The G.R.E.A.T Families training gives parents tools for good parenting practices, and involves the learning and development of skills to choose to be a family free of crime, violence, drugs, and gang affiliation.

Additionally, a strong bond is built when police officers and community members intentionally come together to solve mutual problems like youth violence, truancy, and bullying. I propose to provide four separate, six-week programs during fiscal year 2015. The $20,000 will pay for food/snacks for each family session, and overtime for half the staff needed to present the program. The remaining staff will be paid by the Police Bureau on adjusted time.

Potential Outcomes

The four trainings will reach approximately 24 families for a total of 120 family members. Additionally, I expect the community partners and co-facilitators will benefit from the relationships gained with the police officers. These 120 family members will share their new-found trust with the police to an untold number of friends and other family members. Rather than simply earning the trust of the family members, we are earning the trust of an entire community.

Lead Bureau & Partners

Portland Police Bureau/ Youth Services Division--Lead Bureau
Multnomah County, Department of Human Services, Virginia Salinas 503-988-6295
Hacienda Community Development Corporation, Victor Merced, Executive Director 503-595-2111

Source URL: http://innovate.portlandoregon.gov/proposal/great-familes-training-hispanic-community

The CITY OF PORTLAND Oregon

INNOVATION PROJECT PROPOSAL

How to Apply to City of Portland Jobs Tutorial Video

Request Amount	Lead Bureau	Proposal Status
$20,000	OMF Human Resources	Pending Approval

Primary Contact	Phone
Gale Baird	503-823-4169

Describe the Problem/Opportunity

In order to apply for a job at the City of Portland, job seekers must have access to the internet and understand how to use NEOGOV, the City's online application system. When evaluated with an equity lens, the online application system may present challenges to potential job applicants who are unfamiliar with the online application process or who must access a computer at a public location because they don't personally own one.

The online application system is a multi-step process. First, job seekers visit the City's Human Resources webpage to view open job announcements. The listing contains specific details about application requirements for each job, including submitting a cover letter and resume. To apply to a job announcement, users first create an applicant profile on the City's job application system, NEOGOV, and then follow a series of steps to input their personal information, attach the required documents and submit the application.

This process is not difficult but it can be challenging for some to navigate, leaving certain potential job seekers at a disadvantage for applying for a City job. The Bureau of Human Resources offers support via career fairs, workshops, and information sessions and partners with local agencies offering services to diverse clients seeking employment; however, interested job seekers often cannot attend workshops due to time and/or location conflicts.

Describe the Proposed Solution/Strategy

The Bureau of Human Resources will develop and publish an eLearning tutorial video explaining how to apply for a job at the City. This video will demonstrate how to navigate the multi-step job application process in NEOGOV and provide tips on how to write a cover letter and application. Additionally, it will include highlights of career opportunities at the City of Portland, building a strong public brand as Employer of Choice.

The video will be hosted on the Bureau of Human Resources YouTube channel, available to potential candidates 24/7, thereby increasing accessibility to a wide audience via computers and mobile technology (smartphones and tablets). Availability of the video will be advertised through the BHR website and our community partners who serve diverse populations.

Potential Outcomes

The *How to Apply to City of Portland Jobs* video will serve as an informational tool and a welcoming mechanism to attract top talent to job opportunities at the City. It will increase access, reaching potential candidates who have previously been unable to utilize the application system or attend an onsite workshop or information session. It will offer step- by-step information for job seekers who lack experience in technology. The audio and closed captioning options will aid applicants with disabilities and will have the capability to include closed captioning in multiple languages, reaching individuals whose primary language is other than English. By offering a comprehensive training video, the City reaches a diverse pool of interested job candidates with helpful information.

Lead Bureau & Partners

BHR's Diversity, Outreach and Employment Services and Training and Workforce Development units will work together to create, implement and maintain the training video.

Source URL: http://innovate.portlandoregon.gov/proposal/how-apply-city-portland-jobs-tutorial-video

The CITY OF PORTLAND Oregon

INNOVATION PROJECT PROPOSAL

LED Lighting Upgrade for PBOT Operations and Maintenance Building

Request Amount	Lead Bureau	Proposal Status
$10,000	Portland Bureau of Transportation	Pending Approval

Primary Contact	Phone
Rich Grant	503-823-1720

Describe the Problem/Opportunity

The Climate Action Plan, the Sustainable City Government 2030 Environmental Performance Objectives and the PBOT Portland Progress Plan all call for reductions in carbon emissions. The PBOT Maintenance and Operations Maintenance and Operations building is staffed 24 hours a day / 7 days a week, so the office lighting is on for much longer than a typical office building. PBOT Maintenance and Operations is just beginning to participate in the Strategic Energy Management Program and is beginning to identify opportunities for energy savings.

Describe the Proposed Solution/Strategy

PBOT Maintenance and Operations have a professional contractor replace as many of the T8 fluorescent tubes in existing fixtures with integrated LED tube lighting as the funds will allow. These integrated LED lighting tubes are compatible with existing fixtures so the installation cost will be lower. This will also reduce the maintenance required on these lights since they last significantly longer than fluorescent tubes.

Potential Outcomes

This lighting upgrade will save approximately $2,100 per year in energy costs if 300 tubes are replaced. This would also reduce energy use by 26,000 kWh per year and therefore associated carbon emissions. In addition the LED lighting provides better lighting for workers.

Lead Bureau & Partners

Portland Bureau of Transportation

Source URL: http://innovate.portlandoregon.gov/proposal/led-lighting-upgrade-pbot-operations-and-maintenance-building

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The CITY OF PORTLAND Oregon

INNOVATION PROJECT PROPOSAL

Mobile Technology reporting of Post-Earthquake Bridge Inspections

Request Amount	Lead Bureau	Proposal Status
$20,000	Portland Bureau of Transportation	Pending Approval

Primary Contact	Phone
David O'Longaigh	503-823-0371

Describe the Problem/Opportunity

In the early hours and days following an earthquake it is critical for the City's operational and economic recovery that we have rapid reporting of the City's infrastructure damage assessment.

To that end PBOT currently has a post-earthquake bridge inspection response plan that assigns eight Inspection teams to tour the City on designated routes with hard copy inspection manuals. After conducting a bridge inspection they are instructed to call the Maintenance Operations radio room by phone or short wave radio and report their findings to the Bridge Commander on duty. The Bridge Commander then has to process the data and manually input that information into the City's post disaster Web EOC reporting program. This data entry process is very time consuming and can be delayed by hours depending on the demands of the personnel in the radio room following an earthquake. What is needed is an instant mobile reporting system that does not rely on third parties to upload reporting data.

Describe the Proposed Solution/Strategy

Provide for a Mobile technology reporting system by equipping Post Earthquake Inspectors with Tablet (iPad or Surface) with web access. In this case using what's called the City's Collector App on the tablet, the Inspector can instantly upload post- earthquake findings to the City's ARC Map GIS server where it can be displayed on a web map. This web map will be on display continuously in the Incident Command Center. In this manner the Incident Commander will have instant updates on bridge closures and can inform Emergency Services of detours etc.

PBOT Information Technology services will also develop a public map in addition to an in-house web map. The public map would be accessible on line by Citizens & Media and would help them map the route required for emergency relief or to aid others. The in-house version would have the capability to store additional inspection observations essential to planning repairs for economic recovery.

Funding this proposal will also address the need to update the name plate signage at each of the PBOT's 156 bridges. These new signs would include the correct ID number for each bridge, so the earthquake inspectors can identify the correct bridge in their report. This is also important in the event that Citizens or Portland Police call the Radio Room to report a collapsed or damaged bridge. These new signs would facilitate correct identification of the damaged bridge.

Potential Outcomes

This project would be an enormous benefit to first responders and emergency planners following an Earthquake emergency. It would provide the City's Incident Command center with instant updates on the condition of the City's bridges, so that Emergency Responders can help citizens in need without excessive delays due to unforeseen detours.

It would also help any and all citizen equally with web access who can determine bridge closures by themselves and so limit demands on First responders who would ordinarily be fielding these calls, either at 911 dispatch or the Main Ops radio room, greatly improving customer service.

This program would also satisfy two of the Action Items in PBOT's Portland Progress, a two year work plan. Items F1.4 - Mobile Technology application in the field, and P5.3, Mobile Technology pilot project.

We would also like to add a unique QR barcode to each bridge name sign. This would enable any citizen with a smart phone to scan the code and then via connection to the PBOT's web site, could download a fact sheet on that specific bridge. In the event of a newly constructed bridge we could also provide for a Project Showcase.

This QR code could have wider applications within the City, enabling citizens to view specific date regarding City assets or programs or even construction sites, where the QR barcode could direct citizens to Project or Program websites.

Lead Bureau & Partners

Portland Bureau of Transportation Bureau of Information Technology
Portland Bureau of Emergency Management

Source URL: http://innovate.portlandoregon.gov/proposal/mobile-technology-reporting-post-earthquake-bridge-inspections

The CITY OF PORTLAND Oregon

INNOVATION PROJECT PROPOSAL

Permit Coordination for a Better River

Request Amount	Lead Bureau	Proposal Status
$14,989	Environmental Services	Pending Approval

Primary Contact	Phone
Mike Reed	503-823-3399

Describe the Problem/Opportunity

As the economy of Portland picks back up, we expect to see more development along the Willamette River, particularly in the Portland Harbor. Private developers typically propose projects that impact the Willamette River, riverbank and upland areas with large docks and loading, unloading, staging and storage areas, and private recreation. Developers are required to get multiple permits from different agencies including the City of Portland, Department of State Land and US Army Corps of Engineers among other federal and state agencies.

Over the years City staff have heard from numerous property owners that the permit application processes are cumbersome, confusing and sometimes result in bureaus and agencies requiring differing and conflicting outcomes. This adds time and money to the projects and discourages investment along the Willamette River and also results in missed opportunities to improve fish and wildlife habitat and water quality.

Describe the Proposed Solution/Strategy

Currently, the Bureau of Environmental Services leads the *Streamlining Team*, which includes local, state and federal permitting agencies. The Streamlining Team coordinates permit review of City projects and joint public projects such as the new Tillikum Bridge.

Streamlining has been successful at reducing the amount of time and money spent during the permitting process.

Streamlining is not available to private applicants. On June 17, 2014, the Hatfield School of Government's Center for Public Service (CPS) completed an independent assessment of the City's Streamlining process. CPS recommended that the City explore exporting this successful model where appropriate. This Innovation Proposal seeks to partner with CPS to explore the development of a coordinated permit review process for private applicants that builds on the successful attributes of the City's Streamlining Team process while ensuring the current team process remains successful.

Potential Outcomes

The Center for Public Service will create a coordinated permit review process for private applicants. The desired outcomes of the process will be: 1) Development of a "one-stop- shop" process for applicants to understand all the permitting needs for projects; 2) Reduced time and money spent during the permitting process, and 3) Meeting multiple objectives for protecting and enhancing the environment while supporting redevelopment along the river.

In the City's reaches of the Willamette River, a coordinated permit review will support and foster investment in living-wage jobs, which is an important part of meeting the City's equity goals and the Comprehensive Plan policies. It will also assist small property owners and single family residences with navigating the permits process; while ensuring fish and wildlife enhancements are encouraged and protected.

Lead Bureau & Partners

The Bureau of Environmental Services is the lead bureau and leads the Streamlining Team. The Bureau of Planning and Sustainability is a co-partner and will take the results of this study to request formal adoption of the new coordinated permitting process through the River Plan. The City's Streamlining Team partners will implement the results including the Bureau of Development Services, Department of State Lands, Army Corps of Engineers, NOAA Fisheries, US Fish and Wildlife Service, Oregon Department of Fish and Wildlife and Department of Environmental Quality.

Source URL: http://innovate.portlandoregon.gov/proposal/permit-coordination-better-river

The CITY OF PORTLAND Oregon

INNOVATION PROJECT PROPOSAL

Solar Water Heater Demonstration Project

Request Amount	Lead Bureau	Proposal Status
$10,000	Fire & Rescue	Pending Approval

Primary Contact	Phone
Captain Bill Goforth	503-823-4559

Describe the Problem/Opportunity

Portland Fire & Rescue (PF&R) stations have unique utility needs compared to other city facilities because the stations operate 24 hours a day and serve as a residence for on- duty firefighters. The furnace, air conditioner, water heater, and appliances result in substantial utility costs for PF&R. For example, the average monthly natural gas bill for PF&R stations is about $265.

Station 13 (926 NE Weidler Street) is located in the Lloyd Ecodistrict. The Ecodistrict is a collection of businesses, residents, and organizations that have come together to create a sustainable business district by targeting the areas of transportation, water, energy, and waste. The Ecodistrict's goals align with the City of Portland's Sustainable City Government principles and objectives.

As a public service entity within the Lloyd Ecodistrict, PF&R's Station 13 has the opportunity to contribute towards the neighborhood's goals related to energy efficiency and resource conservation. In fact, a nearby homeowner's association recently approached firefighters at Station 13 about partnering together to add photovoltaic panels to their roofs for sustainable electricity production. After consulting with a specialist from the Bureau of Planning and Sustainability, PF&R determined that the optimal solution for on-site renewable energy at Station 13 is instead a solar water heating system.

Describe the Proposed Solution/Strategy

PF&R proposes to install a solar water heating system at Station 13. A solar water heating system works by increasing the temperature of water flowing into the regular water heater so that the water heater requires less energy to create hot water for showers, dishwashers, laundry, and other needs. The system consists of a solar collector for the roof and a storage tank for the warmed water.

In addition to its location in the Lloyd Ecodistrict, Station 13 is an ideal location for the solar water heater because it uses more hot water than most stations as a double company station (8 on-duty firefighters instead of 4).

Potential Outcomes

Installation of a solar water heating system at Station 13 will have several benefits:

--Reduces energy consumption.

--Reduces PF&R's natural gas costs by potentially more than $800 each year.

--Aligns with the City's Sustainable City Government principles and objectives, including efficient use of energy and engaging with residents and businesses to promote sustainable practices.

--Aligns with Lloyd Ecodistrict goals. It is important to PF&R that its stations reflect the diversity, goals, and ideals of Portland's neighborhoods.

--Serves as a demonstration project for PF&R and the neighborhood. PF&R will evaluate the savings and

performance of the solar water heater system over time to consider placement at other stations. The fire and rescue station is a highly visible location within the neighborhood and will serve as a demonstration of clean energy technology for the Lloyd District and other Northeast neighborhoods.

--Solar water heating systems have low maintenance costs with a lifespan of about 20 years.

Lead Bureau & Partners

PF&R is the lead bureau with assistance and consultation from the Bureau of Planning and Sustainability.

Source URL: http://innovate.portlandoregon.gov/proposal/solar-water-heater-demonstration-project

The CITY OF PORTLAND Oregon

INNOVATION PROJECT PROPOSAL

Sports Training Collaboration to Address Childhood Obesity

Request Amount	Lead Bureau	Proposal Status
$10,000	Parks and Recreation	Pending Approval

Primary Contact	Phone
Jamie Sandness	503-823-4112

Describe the Problem/Opportunity

Over the past year Portland Parks & Recreation served over 53,000 youth ages 5-17 with enrichment classes, camps, afterschool programs & special events. This does not include the numerous outreach and drop-in activities including Open Gym, Open Swims, Summer Playgrounds and Summer Free for All.

We are seeking opportunities to provide relevant and hands-on training to the staff that work with these youth to promote healthy play, positive lifestyle choices and address the growing epidemic of childhood obesity.

Describe the Proposed Solution/Strategy

PP&R Citywide Sports would like to partner with Playworks to bring nationally recognized training opportunities to Portland. These trainings will focus on the power of positive play, building healthy life habits and addressing childhood obesity.

This grant would make training available to PP&R staff as well as extend invitations to other agencies in the Portland Sports Based Youth Development (SBYD) Network. This grant will also provide an opportunity for PP&R front-line representatives to participate in the newly formed SBYD Network events and activities.

Budget:
$10,000 - Contract Playworks to provide training, supply needed materials and provide paid staff opportunities to participate in Portland SBYD Network activities and collaborations.

Potential Outcomes

This grant will have a big impact on Portland youth by providing impactful and meaningful training to the role models, mentors, youth advocates, instructors and program facilitators that connect with them daily.

Playworks is a nationally recognized program with proven results. With hands-on professional development workshops, Playworks training provides staff with the step-by-step guidance and tools needed to create a positive recess, sports and play environments for their participants.

Beyond the playground, Playworks supports out-of-school time staff with techniques to create more inclusive and healthy play opportunities in their programs. Through this professional development, partners develop the essential skills to transform playgrounds and youth programs and change lives. - See more at: http://www.playworks.org/about/how-playworks#sthash.ynlgF6ru.dpuf [1]

Camp staff, Gym Attendants, Teen Outreach Staff, Instructors - all of the staff that interact with our youth will walk away from this training with new skills for encouraging and managing group play in a positive way, ensuring physical activity is fun and inviting; the ability to include everyone and an opportunity to forge new connections and build our network of youth development professionals in Portland.

Lead Bureau & Partners

Portland Parks & Recreation, Citywide Sports Coordinator - Jamie Sandness Portland Parks & Recreation, Citywide Supervisor - Josh Green
Playworks, Executive Director - Jonathan Blasher
Portland Sports Based Youth Development (SBYD) Network and agencies connected to the network - Diana Cutia

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Source URL: http://innovate.portlandoregon.gov/proposal/sports-training-collaboration-address-childhood-obesity-0

Links
[1] http://www.playworks.org/about/how-playworks#sthash.ynlgF6ru.dpuf