

**ORDINANCE No. 187957**

\* Accept and appropriate a grant in the amount of \$100,000 from the National Institute of Standards and Technology's Replicable Smart City Technologies Cooperative Agreement Program for a framework for low-cost urban air quality measurements (Ordinance)

The City of Portland ordains:

Section 1. The Council finds:

1. Ordinance 187729, adopted May 11, 2016, authorized the Bureau of Planning and Sustainability, in partnership with the Bureau of Transportation, to apply to the National Institute of Standards (NIST) and Technology's Replicable Smart City Technologies Cooperation Agreement Program for a grant in the amount of \$100,000 for a project to build a framework for low-cost urban air quality measurements on May 11, 2016 (Ordinance No. 187729).
2. National Institute of Standards and Technology has notified the City that it will award a grant for the Framework for Low-Cost Urban Air Quality Measurements in the amount of \$100,000.
3. The Bureau of Transportation has completed an initial pilot of low-cost air quality sensors to test the ability to improve real-time understanding of air quality patterns in Portland. Based on this initial work, BPS and PBOT are well positioned to conduct subsequent work.
4. The City of Portland is participating in NIST's 2016 Global City Teams Challenge, which is a requirement to accept this funding.
5. The Bureaus of Transportation, Technology Services, Planning & Sustainability, and the Office of Community Technology have been coordinating with one another and an array of businesses and community partners on "smart city" initiatives to apply emerging technologies and data to address City priorities.
6. No match is required.

NOW THEREFORE, The Council directs:

- a. The Mayor is hereby authorized to accept on behalf of the City a grant from the National Institute of Standards and Technology for the framework for low-cost urban air quality measurements in the amount of \$100,000 and to execute the grant agreement.
- b. The FY 2016/2017 budget is hereby amended as follows:

GRANTS FUND  
Fund 217  
Business Area – PN

Bureau Program Expenses— \$100,000

- c. The Office of Management & Finance Grants Office is authorized to perform all administrative matters in relation to the grant application, grant agreement or amendments, requests for reimbursement from the grantor, and to submit required online grant documents on the Mayor's behalf.
- d. The Director of Planning and Sustainability Bureau of the City of Portland is authorized to accept on behalf of the City of Portland any subsequent modifications by National Institute of Standards and Technology for Replicable Smart City Technologies Cooperative Agreement Program grant, award number 70NANB16H258, provided such modifications do not increase the City of Portland's financial obligation or risk. Any modifications that increase the City of Portland's financial obligation or risk must be authorized by the Portland City Council.

Section 2. The Council declares that an emergency exists because the granting agency has set a September 2, 2016 deadline to accept the funding award. Therefore, this ordinance shall be in full force and effect from and after its passage by the Council.

Passed by the Council: AUG 31 2016

Prepared by: Michael Armstrong  
Date Prepared: August 12, 2016

**Mary Hull Caballero**  
Auditor of the City of Portland

By



Deputy

Agenda No. **187957**  
**ORDINANCE NO.**

Title

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<p style="text-align: center;"><b>INTRODUCED BY</b> Commissioner/Auditor: <b>Charlie Hales</b></p>	<p>CLERK USE: DATE FILED <u>AUG 23 2016</u></p>
<p style="text-align: center;"><b>COMMISSIONER APPROVAL</b></p> <p>Mayor—Finance and Administration - Hales </p> <p>Position 1/Utilities - Fritz</p> <p>Position 2/Works - Fish</p> <p>Position 3/Affairs - Saltzman</p> <p>Position 4/Safety - Novick</p>	<p style="text-align: center;">Mary Hull Caballero Auditor of the City of Portland</p> <p>By:  _____ Deputy</p>
<p style="text-align: center;"><b>BUREAU APPROVAL</b></p> <p>Bureau: Planning and Sustainability Bureau Head: Susan Anderson </p> <p>Prepared by: M. Armstrong Date Prepared: August 12, 2016</p>	<p><b>ACTION TAKEN:</b></p>
<p>Impact Statement Completed <input type="checkbox"/> Amends Budget <input checked="" type="checkbox"/></p>	
<p>Portland Policy Document If "Yes" requires City Policy paragraph stated in document. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	
<p><b>City Auditor Office Approval:</b> required for Code Ordinances</p>	
<p><b>City Attorney Approval:</b> required for contract, code, easement, franchise, comp plan, charter</p>	
<p>Council Meeting Date <b>August 31, 2016</b></p>	

Grants Office

**AGENDA**

**TIME CERTAIN**   
**Start time:** \_\_\_\_\_

**Total amount of time needed:** \_\_\_\_\_  
 (for presentation, testimony and discussion)

**CONSENT**

**REGULAR**

**Total amount of time needed:** \_\_\_\_\_  
 (for presentation, testimony and discussion)

FOUR-FIFTHS AGENDA	COMMISSIONERS VOTED AS FOLLOWS:		
		YEAS	NAYS
1. Fritz	1. Fritz	✓	
2. Fish	2. Fish	✓	
3. Saltzman	3. Saltzman	✓	
4. Novick	4. Novick	✓	
Hales	Hales	_____	_____