

## ORDINANCE No. 188537

\*Authorize an Intergovernmental Agreement with Portland State University for \$8,000 to provide funding for Low-Cost Urban Air Quality Sensor Testing (Ordinance)

The City of Portland ordains:

Section 1. The Council finds:

1. The City received a \$100,000 grant from the National Institute of Standards and Technology's Replicable Smart City Technologies Cooperative Agreement Program to evaluate low-cost air quality sensors and build a framework for using low-cost sensors for urban air quality measurements (Ordinance 187957). The City's grant award identified that a portion of the funding would go to Portland State University for laboratory testing and analysis.
2. The City received a \$25,000 grant from Drive Oregon Foundation (Ordinance 188326) to support the Low Cost Air Quality Sensor Program.
3. Portland State University will provide testing and instrument services and evaluation datasets for low-cost air quality sensors provided by the City of Portland Bureau of Planning and Sustainability as described in Exhibit 1.; Attachment A Scope of Work.
4. The services and datasets to be provided by Portland State University through this intergovernmental agreement are supportive of deliverables for the National Institute of Standards and Technology's Replicable Smart City Technologies Cooperative Agreement Program grant, Ordinance 187957 and Drive Oregon Foundation's Low Cost Air Quality Sensor Work grant, Ordinance No. 188326.
5. Lab rental space including environmental chamber, sensing reference instruments and gas supplies for sensor evaluation testing totaling \$6000 are supported from National Institute of Standards and Technology's Replicable Smart City Technologies Cooperative Agreement Program grant, Ordinance 187957, Cost Object PN00700001.
6. Technician's time for sensor and instrument maintenance and diagnostic checks totaling \$2000 are supported from Driver Oregon Foundation's Low Cost Air Quality Sensor Work grant, Ordinance No. 188326.

NOW, THEREFORE, the Council directs:

- a. The Mayor is hereby authorized to execute an intergovernmental grant agreement with Portland State University, Exhibit 1.
- b. The Mayor and Auditor are hereby authorized to pay for this grant chargeable to the Bureau of Planning and Sustainability, \$6,000 to Cost Object PN00700001 and \$2,000 to Cost Object PN00740001.

- c. The Director of the Bureau of Planning and Sustainability is hereby authorized to sign amendments for continuing data management, reporting and funding in future fiscal years if appropriations are approved by City Council.
- d. Because Portland State University has been a research partner on related air quality projects and was identified as a sub-recipient in the City's grant award from NIST, The City Council waives the competitive application process required in FIN 2.04 – Budget.

Section 2. The Council declares that an emergency exists in order to forward funds for services to continue work that benefits the City. Therefore, this Ordinance shall be in full force and effect from and after its passage by the Council.

Passed by the Council: **AUG 02 2017**  
Mayor Ted Wheeler

Prepared by: Christine Kendrick  
Date Prepared: April 3, 2017

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

By 

Deputy

861

Agenda No.  
**ORDINANCE NO. 188537**  
 Title

\* Authorize an Intergovernmental Agreement with Portland State University for \$8,000 to provide funding for Low-Cost Urban Air Quality Sensor Testing (Ordinance)

<b>INTRODUCED BY</b> Commissioner/Auditor: <b>Ted Wheeler</b>	CLERK USE: DATE FILED <u>JUL 25 2017</u>
<b>COMMISSIONER APPROVAL</b> Mayor—Finance and Administration - Wheeler <i>KJD</i> Position 1/Utilities - Fritz Position 2/Works - Fish Position 3/Affairs - Saltzman Position 4/Safety - Eudaly	Mary Hull Caballero Auditor of the City of Portland By: <i>[Signature]</i> Deputy ACTION TAKEN:
<b>BUREAU APPROVAL</b> Bureau: Planning and Sustainability Bureau Head: <del>Susan Anderson</del> <i>Joe Zehnder</i> Prepared by: Christine Kendrick Date Prepared: April 24, 2017 Impact Statement Completed <input checked="" type="checkbox"/> Amends Budget <input type="checkbox"/> Portland Policy Document If "Yes" requires City Policy paragraph stated in document. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <b>City Auditor Office Approval:</b> required for Code Ordinances <b>City Attorney Approval:</b> required for contract, code, easement, franchise, comp plan, charter <i>[Signature]</i> Council Meeting Date <u>July 26, 2017</u> <i>Aug 2</i>	

<b>AGENDA</b> <b>TIME CERTAIN</b> <input type="checkbox"/> Start time: _____ Total amount of time needed: _____ (for presentation, testimony and discussion) <b>CONSENT</b> <input checked="" type="checkbox"/> <i>Pulled</i> <b>REGULAR</b> <input type="checkbox"/> Total amount of time needed: _____ (for presentation, testimony and discussion)	<table border="1"> <tr> <th>FOUR-FIFTHS AGENDA</th> <th colspan="2">COMMISSIONERS VOTED AS FOLLOWS:</th> </tr> <tr> <th></th> <th>YEAS</th> <th>NAYS</th> </tr> <tr> <td>1. Fritz</td> <td><input checked="" type="checkbox"/></td> <td></td> </tr> <tr> <td>2. Fish</td> <td><input checked="" type="checkbox"/></td> <td></td> </tr> <tr> <td>3. Saltzman</td> <td><input checked="" type="checkbox"/></td> <td></td> </tr> <tr> <td>4. Eudaly</td> <td><input checked="" type="checkbox"/></td> <td></td> </tr> <tr> <td>Wheeler</td> <td><input checked="" type="checkbox"/></td> <td></td> </tr> </table>	FOUR-FIFTHS AGENDA	COMMISSIONERS VOTED AS FOLLOWS:			YEAS	NAYS	1. Fritz	<input checked="" type="checkbox"/>		2. Fish	<input checked="" type="checkbox"/>		3. Saltzman	<input checked="" type="checkbox"/>		4. Eudaly	<input checked="" type="checkbox"/>		Wheeler	<input checked="" type="checkbox"/>	
FOUR-FIFTHS AGENDA	COMMISSIONERS VOTED AS FOLLOWS:																					
	YEAS	NAYS																				
1. Fritz	<input checked="" type="checkbox"/>																					
2. Fish	<input checked="" type="checkbox"/>																					
3. Saltzman	<input checked="" type="checkbox"/>																					
4. Eudaly	<input checked="" type="checkbox"/>																					
Wheeler	<input checked="" type="checkbox"/>																					