



## Legislation Text

**File #:** 1204-2021, **Version:** 1

### 1. BACKGROUND

The Smart City Challenge is a U.S. Department of Transportation (USDOT) grant program seeking to “create a fully integrated, first-of-its kind city that uses data, technology and creativity to shape how people and goods move in the future.” In 2016 the City of Columbus, acting through the Department of Public Service, applied for and won the Smart City Challenge, receiving a \$40 million dollar grant from USDOT and a \$10 million grant from the Paul G. Allen Family Foundation (Vulcan).

This ordinance authorizes the Chief Innovation Officer to modify a professional services contract with Siemens Mobility, Inc. Intelligent Traffic Systems, hereafter referenced as Siemens, to add additional funds for support and maintenance of the Smart Columbus - CVE On-Board Unit System Integrator.

Ordinance 1669-2019 authorized the Chief Innovation Officer to enter into a professional services contract with Siemens for the Smart Columbus - CVE On-Board Unit System Integrator project. As part of Columbus’ overall response to the Smart City Challenge, the Smart Columbus Program Management Office (PMO) engaged a consultant capable of and qualified to integrate connected vehicles into the City’s transportation environment by installing technology into vehicles to communicate with the environment; and develop and deploy the CV applications that enable the enhanced safety and mobility features Smart Columbus desires. To that end the Columbus, currently has over 1,000 vehicles including over 300 Columbus vehicles and Roadside Units operating at traffic signals.

This is a planned modification that is necessary for support and maintenance on Connected Vehicles on-board equipment and applications for vehicle-to-vehicle (V2V), vehicle-to-infrastructure (V2I) Safety and Mobility applications. Siemens past work with other connected vehicles projects is extensive. No other company has this type of solution to allow a operation of the robust system. It was deemed to be the best course of action to modify the existing contract than to bid this part of the work.

Original contract amount:	\$5,100,000.00	(PO185794, Ord. 1669-2019)
Total of Modification No. 1:	<u>\$ 160,000.00</u>	<u>(This Ordinance)</u>
Total Contract amount including all modifications:	\$5,260,000.00	

Ordinance 1901-2017 authorized the Public Service Director to transfer signature authority to the Chief Innovation Officer or the Chief Innovation Officer's designee for all past, present and future Smart Columbus, USDOT Smart City Challenge, and Paul G Allen Family Foundation (Vulcan) contracts, documents, and projects.

Searches in the System for Award Management (Federal) and the Findings for Recovery list (State) produced no findings against Siemens.

### 2. CONTRACT COMPLIANCE

The contract compliance number for Siemens is CC026824 and expires 01/21/2023.

### 3. FISCAL IMPACT

Funding for this contract is budgeted, available, and appropriated within Fund 2265, the Street Construction Maintenance and Repair Fund.

### 4. EMERGENCY DESIGNATION

Emergency designation is requested to allow for the timely execution of the contract modification to support and maintain the Connected Vehicle on-board equipment without delay.

To authorize the Chief Innovation Officer to execute a contract modification with Siemens Mobility, Inc. in connection with the Smart Columbus - CVE On-Board Unit System Integrator project; to authorize the expenditure of up to \$160,000.00 from the Street Construction Maintenance and Repair Fund to pay for the contract modification; and to declare an emergency. (\$160,000.00)

**WHEREAS**, in 2016 USDOT awarded the City of Columbus up to \$40 million in federal funds for the Smart City Challenge to assist in implementation of the City's proposal to demonstrate how advanced data and intelligent transportation systems (ITS) technologies and applications can be used to reduce congestion, keep travelers safe, protect the environment, respond to climate change, connect underserved communities, and support economic vitality; and

**WHEREAS**, Ordinance Number 1901-2017 authorized the Public Service Director to transfer signature authority to the Chief Innovation Officer or the Chief Innovation Officer's designee for all past, present and future Smart Columbus, Smart City Challenge, Paul G Allen Family Foundation contracts, documents, and projects; and

**WHEREAS**, contract no. PO185794 with Siemens Mobility, Inc., in the amount of \$5,100,000.00, was authorized by ordinance no. 1669-2019; and

**WHEREAS**, it has become necessary to modify the contract in an amount up to \$160,000.00 and provide additional funds for the Smart Columbus - CVE On-Board Unit System Integrator project; and

**WHEREAS**, it is necessary to expend funds relative to the project; and

**WHEREAS**, an emergency exists in the usual daily operation of the Department of Public Service in that it is immediately necessary to authorize the Chief Innovation Officer to enter into a contract modification with Siemens to prevent delays in the project schedule, to preserve the safety of the traveling public thereby preserving the public health, peace, property, safety, and welfare; **now, therefore**

**BE IT ORDAINED BY THE COUNCIL OF THE CITY OF COLUMBUS:**

**SECTION 1.** That the City's Chief Innovation Officer, on behalf of the Department of Public Service, be, and hereby is, authorized to enter into a contract modification with Siemens Mobility Inc., ITS, 9225 Bee Cave Road, Building B, Suite 101, Austin, Texas, 78733, for the Smart Columbus - CVE On-Board Unit System Integrator project in the amount of \$160,000.00, or so much thereof as may be needed, for the support and maintenance of services related to the Smart City Challenge.

**SECTION 2.** That the expenditure of \$160,000.00, or so much thereof as may be necessary, be and is hereby authorized in Fund 2265 (Street Construction Maintenance and Repair Funds), Dept-Div 5901 (Director's Office), in Object Class 03 (Professional Services) per the accounting codes in the attachment to this ordinance.

**SECTION 3.** Funds are hereby deemed appropriated and expenditures and transfers authorized to carry out the purposes of this ordinance and the City Auditor shall establish such accounting codes as necessary.  
for said project.

**SECTION 4.** That for the reasons stated in the preamble hereto, which is hereby made a part hereof, this ordinance is hereby declared to be an emergency measure and shall take effect and be in force from and after its passage and approval by the Mayor, or 10 days after passage if the Mayor neither approves nor vetoes the same.

