



Legislation Text

File #: 1669-2019, **Version:** 1

1. BACKGROUND

This legislation authorizes the Chief Innovation Officer to enter into a professional services contract with Siemens Mobility, Inc. Intelligent Traffic Systems, hereafter referenced as Siemens, in an amount of up to \$5,100,000.00 to integrate connected vehicles into the City's transportation environment by installing technology into vehicles to communicate with the environment; and to develop and deploy the CV applications that enable the enhanced safety and mobility features Smart Columbus desires.

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).

As part of Columbus' overall response to the Smart City Challenge, the Smart Columbus Program Management Office (PMO) sought to engage 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 Smart Columbus Program Management Office (PMO) initiated a Request for Proposals (RFP) for the Smart Columbus - CVE On-Board Unit System Integrator project, which was advertised on the Bonfire and City of Columbus websites from January 29, 2019 to March 7, 2019. The PMO received three (3) responses, all of which were deemed responsive and fully evaluated when the Evaluation Committee met on March 19, 2019, and March 28, 2019.

The responsive responding firms were:

Company Name	City/State	Maj/MBE/MBR/F1/AS1/PHC
Brandmotion	Southfield, MI	UNK
Econolite Systems, Inc.	Anaheim, CA	UNK
Siemens Intelligent Traffic Systems	Austin, TX	EBO

Siemens received the highest score given by the Consultant Selection Committee and will be awarded the Smart Columbus - CVE On-Board Unit System Integrator contract.

Searches in the Excluded Party List System (Federal) and the Findings for Recovery list (State) produced no findings against Siemens.

Due to the nature of the USDOT and Vulcan grant reimbursements, professional support for the Smart City Challenge Program will be awarded in annual funding phases. Additional contract modifications may occur throughout the four-year Smart City Challenge grant period. There are no current planned modifications to this contract.

2. CONTRACT COMPLIANCE

The contract compliance number for Siemens is CC0026824 and expires 01/09/2021.

3. FISCAL IMPACT

Funding in the amount of \$5,100,000.00 is available as follows: \$1,634,011.00 in the Streets and Highways Bond Fund, Fund 7704; \$2,465,989.00 in the Smart City Grant Fund, Fund 7768, contingent upon receipt of an executed agreement for sufficient additional USDOT Smart City Grant Funds; and \$1,000,000 in the Street and Highway Improvement Non-Bond Fund, Fund 7766. An amendment to the 2019 Capital Improvement Budget is required to establish sufficient budget authority for the project. Funds will need to be appropriated within the Smart City Grant Fund and within the Street and Highway Improvement Non-Bond Fund.

4. EMERGENCY DESIGNATION

Emergency action is requested in that it is immediately necessary to authorize the Chief Innovation Officer to execute a contract with Siemens authorizing the encumbrance and expenditure of requisite engineering and design funding so as to prevent unnecessary delays in the Smart City Challenge deployment schedule.

To amend the 2019 Capital Improvement Budget; to appropriate funds within the Smart City Grant Fund and within the Street and Highway Improvement Non-Bond Fund; to authorize the Chief Innovation Officer to execute a professional services contract with Siemens relative to the Smart Columbus - CVE On-Board Unit System Integrator project; to authorize the expenditure of up to \$1,634,011.00 from the Streets and Highways Bond Fund; to authorize the expenditure of up to \$2,465,989.00 from the Smart City Grant Fund, contingent upon receipt of an executed agreement for sufficient additional USDOT Smart City Grant Funds; to authorize the expenditure of up to \$1,000,000.00 from the Street and Highway Improvement Non-Bond Fund; and to declare an emergency. (\$5,100,000.00)

WHEREAS, on December 7, 2015, the U.S. Department of Transportation (USDOT) announced the Smart City Challenge, a collaborative effort by the USDOT and Vulcan 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”; and

WHEREAS, on June 23, 2016, the City of Columbus bested six other finalists to be named the winner of the Smart City Challenge; and

WHEREAS, Ordinance 1863-2016 authorized the Director of Public Service to enter into agreements with organizations or individuals to accept contributions of materials, services, equipment, grants, or other types of assistance related to the Smart City Challenge, to administer the contributions according to the terms and conditions of the agreements, and authorizes the return of any contributions if required at the end of the term of the agreement; 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, the Smart Columbus Program Management Office (PMO) initiated a Requests for Proposals (RFP) for the purpose of identifying 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; and

WHEREAS, the Consultant Selection Committee evaluated the proposals deemed responsive and selected Siemens on the basis the firm submitted the best overall proposal for this project; and

WHEREAS, it is necessary to enter into a professional services contract with Siemens to provide for the aforementioned services in the amount of up to \$5,100,000.00; and

WHEREAS, it is necessary to authorize an amendment to the 2019 Capital Improvements Budget for the purpose of providing sufficient spending authority for the aforementioned project expenditure; and

WHEREAS, it is necessary to appropriate funds within the Smart City Grant Fund, contingent upon receipt of an executed agreement for sufficient additional USDOT Smart City Grant Funds, and within the Street and Highway Improvement Non-Bond Fund; and

WHEREAS, it is necessary to expend funds to pay for the professional services contract with Siemens; and

WHEREAS, an emergency exists in the usual daily operation of the Department of Public Service, Smart Columbus PMO in that it is immediately necessary to authorize the Chief Innovation Officer to execute a contract with Siemens authorizing the encumbrance and expenditure of requisite funding so as to prevent unnecessary delays in the Smart City Challenge deployment schedule, 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 2019 Capital Improvements Budget, authorized by Ordinance 1326-2019, be and is hereby amended as follows to establish sufficient authority for this project:

Fund / Project / Project Name / Current C.I.B. / Change / Amended C.I.B.

7766 / P530163-100030 / SCC - CVE - OBU System Integrator / \$0.00 / \$1,000,000.00 / \$1,000,000.00 (to match cash)

7704 / P530163-100000 / Smart City Challenge (Voted Carryover) / \$5,023,075.00/ (\$1,634,011.00) / \$3,389,064.00

7704 / P530163-100030 / SCC - CVE - OBU System Integrator (Voted Carryover) / \$0.00 / \$1,634,011.00 / \$1,634,011.00

SECTION 2. That from the unappropriated monies and from all monies estimated to come into said fund from any and all sources and unappropriated for any other purpose during the fiscal year ended December 31, 2019, the sum of \$2,465,989.00 is appropriated in Fund 7768 (Smart City Grant Fund), Dept-Div 5912 (Division of Design and Construction), Grant G591610 (Smart City Grant Program), in Object Class 06 (Capital Expenditure), contingent upon receipt of an executed agreement for sufficient additional USDOT Smart City Grant Funds, per the account codes in the attachment to this ordinance.

SECTION 3. That from the unappropriated monies and from all monies estimated to come into said fund from any and all sources and unappropriated for any other purpose during the fiscal year ended December 31, 2019, the sum of \$1,000,000.00 is appropriated in Fund 7766 (Street and Highway Imp NonBond Fund), Dept-Div 5912 (Division of Design and Construction), Project P530163-100030 (SCC - CVE - OBU System Integrator), in Object Class 06 (Capital Expenditure) per the account codes in the attachment to this ordinance.

SECTION 4. That the Chief Innovation Officer be and is hereby authorized to execute a contract with Siemens Mobility, Inc. Intelligent Traffic Systems, 9225 Bee Cave Road, Building B, Suite 101, Austin, TX in an amount of up to \$5,100,000.00 related to the Smart Columbus - CVE On-Board Unit System Integrator project.

SECTION 5. That the expenditure of \$1,634,011.00, or so much thereof as may be necessary, is hereby authorized in Fund 7704 (Streets and Highways Bond Fund), Dept-Div 5912 (Division of Design and Construction), Project P530163-100030 (SCC - CVE - OBU System Integrator), in Object Class 06 (Capital Outlay) per the accounting codes in the attachment to this ordinance.

SECTION 6. That the expenditure of \$2,465,989.00, or so much thereof as may be necessary, be and is hereby authorized in Fund 7768 (Smart City Grant Fund), Dept-Div 5912 (Division of Design and Construction), Grant G591610 (Smart City Grant Program), in Object Class 06 (Capital Outlay), contingent upon receipt of USDOT approved reimbursement funds, per the accounting codes in the attachment to this ordinance.

SECTION 7. That the expenditure of \$1,000,000.00, or so much thereof as may be necessary, be and is hereby

authorized in Fund 7766 (Street and Highway Improvement Non-Bond Fund), Dept-Div 5912 (Division of Design and Construction), Project P530163-100030 (SCC - CVE - OBU System Integrator), in Object Class 06 (capital outlay) per the accounting codes in the attachment to this ordinance.

SECTION 8. That the funds necessary to carry out the purpose of this ordinance are hereby deemed appropriated, and the City Auditor shall establish such accounting codes as necessary.

SECTION 9. That the City Auditor is authorized to make any accounting changes to revise the funding source for all contracts or contract modifications associated with this ordinance.

SECTION 10. That the City Auditor is hereby authorized to transfer the unencumbered balance in a project account to the unallocated balance account within the same fund upon receipt of certification by the Chief Innovation Officer administering said project that the project has been completed and the monies are no longer required for said project.

SECTION 11. 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.