

Request for Information

Smart City Technology Development and Deployment in the City of St. Louis, Missouri

Issued By: St. Louis Development Corporation on behalf of the City of St. Louis Smart City Advisory Group

Issue Date: January 26, 2018

Responses Initially Due: March 9, 2018

Responses Accepted Through: February 2019

Description

St. Louis Development Corporation (SLDC), on behalf the City of St. Louis Smart City Advisory Group (Advisory Group), is seeking information regarding smart city technologies in the City of St. Louis (City). This RFI provides an opportunity for vendors to pitch smart city technology solutions to address objectives within various City departments and agencies.

This RFI is an open invitation for vendors to provide smart city technology information to the City and its agencies for addressing goals listed below. The Smart City Advisory Group along with the Chief Technology Officer (CTO) will review the information and work with the appropriate agencies to address potential implementation of the proposed technologies. Various city departments hope to move towards a formal RFP process for specific technology(ies) once they can gather the information from this RFI. Vendors will be selected based on criteria laid out in those RFPs and not this RFI.

Technologies must address one or more specific goals listed below to be considered. The purpose of this RFI is to identify technologies that can be deployed within a short time frame if budgets permit as well as technologies that are larger in scope and will take a longer period of time to implement. This is an open invitation for vendors to propose technology solutions that improve City services and meet one or more specific goals. The early cutoff date is for immediate consideration of the submission, but information will continue to be accepted through February of 2019 for future consideration.

No implementation of any specific technology is guaranteed by this RFI.

Reservation of Rights

SLDC reserves the right to reject any or all submissions for any reason, in its sole discretion; to recommend one or more respondents to a contracting entity; to void this RFI and the review process and/or terminate negotiations at any time; to revise any conditions and stipulations contained herein, as convenient or necessary; to further negotiate fees, rates and financial arrangements, etc. on behalf of a contracting entity as authorized; to establish further criteria for selection; to ask respondents to submit additional information or evidence of their qualifications and experiences; to waive formalities and informalities in the submissions and in the submission process; and to negotiate with respondents; to reject any and/or all submissions for any reason, in its sole discretion. Respondents may be asked to make one or more presentations and participate in interviews.

Background

The City of St. Louis has a population of roughly 312,000, but a daytime population of roughly 478,000 people. The City is comprised of just under sixty-two (62) square miles and is divided into about six thousand (6,000) city blocks, seventy-nine (79) neighborhoods, and twenty-eight (28) aldermanic wards.

The City has created the STL Smart City Initiative under the leadership of Mayor Lyda Krewson. We believe smart city technologies can help to meet some of the goals of the STL Smart City Initiative. The purpose of this RFI is to give firms an opportunity to submit information exhibiting their capabilities. The Advisory Group is seeking solutions to the following non-exhaustive list of goals:

- Public Safety
 - Make the City safer for residents and visitors.
- Digital Equity
 - Increase access to technology for all citizens of the City.
- Public WIFI distribution
 - Make WIFI internet access available throughout the City.
- Public Transit Improvement
 - Make public transportation simpler and safer in order to grow the City's transit ridership.
- Visitor, Tourism, Special Events Information and Announcements
 - More efficiently disperse information to the people who live, work, and explore the City.
- Coordination & Efficiency of City Services
 - This could include, but is not limited to, energy and cost savings and shorter service delivery timeframes.
- Small-Cell Deployment
 - Manage the deployment of small-cell technology in a coordinate effort that will both make the technology available and keep a common theme throughout the City.
- Public Data Collection and Management
 - Collect data about how people move through and enjoy the City in order to make the City more efficient and accessible.
 - Enhance data sharing and collaboration between City Departments and other agencies
- Public Space Enhancement
 - Improve the look and feel of the City by reducing streetscape clutter and improving lighting.
- Economic Development
 - Drive investment, development, and population growth in the City
- Government Transparency
 - Increase government transparency and community engagement
- Maintenance, Monitoring, and Predictive Analysis
 - Establish processes for better management of City infrastructure

St. Louis Smart City Advisory Group

The St. Louis Smart City Advisory Group was established by Mayor Lyda Krewson to lead the STL Smart City Strategic Vision for the City of St. Louis. The Advisory Group is currently comprised of the following City leaders:

1. Chief Technology Officer (CTO), Office of the Mayor (currently interviewing candidates)
2. Chief Information Officer (CIO), Office of the Mayor
3. City of St. Louis Department of Public Safety Director
4. St. Louis Metropolitan Police Commissioner

5. Board of Public Service (BPS) President
6. City of St. Louis Planning & Urban Design Agency Director
7. City of St. Louis Streets Director
8. City of St. Louis Director of Operations
9. St. Louis Development Corporation (SLDC) Executive Director
10. Mayoral appointee(s)

It is expected that upon hiring the City's first Chief Technology Officer, the Smart City Advisory Group will engage in a Smart City Strategic Planning effort. Information submitted in response to this RFI may be pursued prior to completing the strategic plan if the technology is deemed worthy and funding is available. In any event, the proposed technologies will help identify future opportunities for smart city technology deployment.

Contracting

Information will be reviewed and considered by the City of St. Louis Chief Technology Officer and the St. Louis Smart City Advisory Group. The Advisory Group will propose the technologies to the appropriate City of St. Louis departments or agency(ies) for further consideration. It will be up to those agencies to decide how to move forward in the short-term and this RFI is not intended for immediate contracting purposes.

Information Overview

The submitting vendor shall build a case for how their technology and plan will specifically address the Smart City goals stated above. The vendor is expected to provide an explanation of which specific goal(s) their technology addresses and how exactly their technology will be successful in solving the problems related to that (those) goal(s). Furthermore, vendors must show the total cost estimates for their technology: acquisition costs, if any; annual fees/subscriptions, if any; and annual maintenance costs, if any. The vendor is also expected to provide a timeline for implementation from an arbitrary start date. These details will be used by the appropriate City agency to gauge the need for and the potential effectiveness of the technology.

If a pilot or small, but scalable, program is being proposed, vendors will be tasked with describing the trial period as well as the implementation of their smart city technologies throughout the City of St. Louis. Implementation of all technologies will require consideration of the City's focus on digital equity and equal access for the full citizenry of the City.

Vendor(s) should show an implementation plan establishing when and where each piece of equipment and technology will be located and providing a schedule for installation. Vendor(s) shall provide an integration plan for how the new technology will be publicly integrated for project completion, long-term troubleshooting and general maintenance of all system parts including equipment and technologies.

Vendor(s) could be responsible for the funding plan and strategies for implementation such as advertising partnerships and other creative funding sources as no local funds have currently been allocated for this project. The plan shall also include options for a City revenue source and options for long-term City ownership.

Submission Process

Submission Requirements

Five (5) printed copies, one (1) printed and unbound copy, and one (1) digital copy are required for the submission. The initial cutoff date for information in response to this RFI is 3:00 PM on March 9, 2018 to:

**Austin Kornis
St. Louis Development Corporation
1520 Market Street, Suite 2000
Saint Louis, MO 634103**

Information Needed

The following is an overview of the information that is hoped to be gathered through this RFI. Please tailor responses to these needs as best as possible.

1. Company overview
 - a. Provide a general overview of your company
 - i. How did your company get its start in smart cities?
 - ii. How is your company qualified to work with smart city technology?
 - iii. What flagship technologies does your company produce?
 - iv. Can you provide examples of successful implementation of your technology?
 - v. Can you provide references for your work?
2. Technology and implementation approach
 - a. Provide a narrative showing how your proposed solution will fulfill the needs outlined in this RFI.
 - i. What specific technology(ies) would you propose for the City?
 - ii. Which goal(s) will your technology address and how will it address those goals?
 - b. Please describe the implementation approach your company would use in the City.
 - i. What resources would you provide for implementation?
 - ii. What would the timeline be for build-out and distribution of the technology?
3. Pricing estimates
 - a. If applicable, this may include:
 - i. Acquisition & installation costs
 - ii. Annual fees/subscriptions
 - iii. Annual maintenance and general troubleshooting costs
 - iv. Hourly rates
4. Any additional marketing materials can be provided along with the above information.

Evaluation Process

Information will be sorted into appropriate groups and evaluated by the City of St. Louis Chief Technology Officer and the Smart City Advisory Group appointees. Submissions will be distributed to the appropriate department or agency. Those agencies will decide how to move forward with the information they are provided.

RFI Timetable: The timetable for this RFI is as follows:

| Event | Date |
|---|------------------|
| Release of RFI: | January 26, 2018 |
| Information initially due by 3:00 PM (Central Time): | March 9, 2018 |
| Initial information reviewed and distributed to appropriate City agencies | March 30, 2018 |

Information will continually be accepted, reviewed, and distributed to agencies through the end of February 2019.