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Office of the City Manager

To: Honorable Mayor and Members of the City Council

From: Dee Williams-Ridley, City Manager

Submitted by: Savita Chaudhary, Director, Information Technology

Subject: Contract No. 9655B Amendment: Socrata, Inc., Open Data Portal (ODP)
             Hosting and Assignment to Tyler Technologies, Inc.

RECOMMENDATION
Adopt a Resolution authorizing the City Manager to execute an amendment and
assignment to Contract No. 9655B with Socrata, Inc., now Tyler Technologies, Inc., for
the purposes of hosting the City's Open Data Portal, increasing the amount by $87,289
for a total contract amount not to exceed $254,970 and extending the term through June
30, 2021.

FISCAL IMPACTS OF RECOMMENDATION
This amendment will extend the hosting and operations support of the Open Data Portal
through June 30, 2021. Appropriation of funding is subject to the council approval of the
proposed city-wide Fiscal Year 2020 and Fiscal Year 2021 Budget and Annual
Appropriation Ordinance.

Funding for additional hosting and professional services in the amount of $87,289 is
available in the Department of Information Technology's FY 2020 and FY 2021 IT Cost
Allocation Fund as follows:

$42,580	FY 2020: Software Maintenance Budget Code: 680-35-362-376-0000-000-472-613130- (IT Cost Allocation, Enterprise Applications, Software Maintenance)
$44,709	FY 2021: Software Maintenance Budget Code: 680-35-362-376-0000-000-472-613130- (IT Cost Allocation, Enterprise Applications, Software Maintenance)
$87,289	Total FY 2020 and 2021 Software Maintenance

CURRENT SITUATION AND ITS EFFECTS
The City of Berkeley's Open Data Portal (http://cityofberkeley.info/opendata/) is a web
based presence established to serve as a single point of access for Open Data. Open

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Data is non-confidential, public data provided in searchable formats for unrestricted use to increase transparency and civic engagement. The portal is loaded with datasets directly from city systems, ready for download in numerous formats. The portal also provides a set of basic tools to create charts, graphs, maps and other visualizations so visitors who do not want to download the data can explore it in place.

The Department of Information Technology (IT) manages the City of Berkeley's Open Data Portal. Staff throughout the City, in coordination with IT and the City Manager's Office, upload city business data to the portal for public consumption. City information is now easily accessible without requiring a Public Information Act request. Information that was regularly requested is now online on the City of Berkeley Open Data Portal, freeing staff to do other tasks.

The City of Berkeley Open Data Portal hosts 43 datasets and 20 map layers, listed below, on various City functions and operations, including crime incidents, 311 service requests, salaries, parcels and energy use.

311 Cases	Municipal Energy & Water Maps
Bicycle Boulevards	Municipal Energy & Water Consumption
Business Licenses	Operating Budget 2014
Car Share Totals	Parcels
Census Blocks 2010	Parks
Census Block Groups 2010	PG&E Metered Energy
Census Tracts 2010	PG&E Energy - CO2 Coefficients
Census Data 2000 and 2010	Restaurant Inspections
Census, Housing, 2012	Police Beats
City Trees	Police Stop Data
Community Energy	Police Arrest Log
Council Districts	Police Jail Booking Log
Crime Incidents	Roof prints
Employee Salaries 2011-2013	Sanitary Sewer Mains & Manholes
Green Businesses in Berkeley	Storm Drains
Land Boundary	Streets Network
Monthly Residential Energy Use	Tree Gain – Annual Totals
Water Consumption, Residential	Zoning Districts
Zip codes	

BACKGROUND
In August 2013, staff began researching and testing open data platforms to determine which would most efficiently support a pilot program for the City of Berkeley in Fiscal Year 2015, given existing citywide fiscal and staff constraints. This included Open Data Portal research, design, and documentation by interns of the Presidio Graduate School (http://www.presidio.edu/).

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In November 2013, Council issued a referral requesting the creation of an Open Data Policy, citing the Federal Memorandum for Transparency and Open Government.

In June 2014, the Department of Information Technology executed a contract with Socrata, Inc. (http://www.socrata.com/) to provide an Open Data platform and cloud hosting. At the time, Socrata, Inc. was the only company whose primary focus was providing open source data services to the public sector in the United States. Also in June 2014, the Department of Information Technology partnered with UC Berkeley's School of Information (http://www.ischool.berkeley.edu/) to identify and onboard a volunteer intern Team Lead.

In November 2014, Staff provided an update to Council in City Council Information Report #45 (https://www.cityofberkeley.info/Clerk/City_Council/2014/11_Nov/Documents/2014-11-18_Item_45_Open_Data_Portal.aspx). In December 2014, the Open Data Portal pilot project went live after more than 1,500 hours of combined staff, intern, and student volunteer work. The core objective of the pilot program was to collect metrics around ODP performance, community use, and feedback from both community members and staff. During this pilot program, the City prioritized publishing datasets that community members frequently requested via Public Records Act requests, resulting in 24/7 access to this data, improved service to our community, and improved government transparency.

ENVIRONMENTAL SUSTAINABILITY
By publishing the most frequently requested dataset requests, community members can now access this information at home and electronically, thereby decreasing contributions to global warming emissions and waste, respectively. This supports the Digital Strategic Plan goal of providing more online services and the goal of reducing greenhouse gas emissions of the City's Climate Action Plan.

RATIONALE FOR RECOMMENDATION
Socrata, Inc. offers user friendly and cost-effective solution for sharing the city's business data across departments and with the public. This amendment will enable the Department of Information Technology to continue to offer this valuable tool for an additional two years. The increase in yearly fee is necessary to acquire an education bundle and additional dataset storage.

ALTERNATIVE ACTIONS CONSIDERED
Staff considered not renewing Socrata's licenses, but doing so would yield operation inefficiencies that would affect the quality of service delivered to City staff and the community.

CONTACT PERSON
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Attachments:

1: Resolution

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RESOLUTION NO. ##,###-N.S.

CONTRACT NO. 9655B AMENDMENT: SOCRATA, INC. OPEN DATA PORTAL (ODP) WEBSITE HOSTING AND ASSIGNMENT TO TYLER TECHNOLOGIES, INC.

WHEREAS, the City of Berkeley's Open Data Portal provides community members with access to data that is non-confidential and public provided in searchable formats for unrestricted use; and

WHEREAS, in August 2013, staff researched and tested multiple open data platforms and in November 2013, Council issued a referral requesting the creation of an Open Data Portal; and

WHEREAS, in June 2014, the Department of Information Technology executed a contract with Socrata, Inc. to provide professional and hosting services for an Open Data Portal; and in November 2014, Staff provided an update to Council with Information Report #45; and in December 2014, the Open Data Portal went live; and

WHEREAS, more City information is now easily accessible without requiring a Public Information Act request; and government transparency is improved because the portal provides members of the public with the same access to raw data that governments have; and

WHEREAS, funding for additional hosting and professional services in the amount of $87,289 is available in the Department of Information Technology's FY 2020 and FY 2021 IT Cost Allocation Fund, and appropriation of funding for future years is subject to the council approval of the proposed city-wide Fiscal Year 2020 and Fiscal Year 2021 Budget and Annual Appropriation Ordinance.

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that the City Manager is authorized to execute an amendment and assignment to Contract No. 9655B with Socrata, Inc., now Tyler Technologies, Inc., for the purposes of hosting the City's Open Data Portal, increasing the amount by $87,289 for a total contract amount not to exceed $254,970 and extending the term through June 30, 2021.