



Office of the City Manager

CONSENT CALENDAR
March 30, 2021

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. 100547-1 Amendment: Tyler Technologies, Inc. for the Open Data Portal's (ODP) Hosting Services

RECOMMENDATION

Adopt a Resolution authorizing the City Manager to execute an amendment to Contract No. 100547-1 with Tyler Technologies, Inc., for the purposes of hosting the City's Open Data Portal, increasing the amount by \$147,991 for a total contract amount not to exceed \$402,961 and extending the term through June 30, 2024.

FISCAL IMPACTS OF RECOMMENDATION

Funding for the additional hosting services for \$147,991 is available in the Fiscal Year (FY) 2022-2024 IT Cost Allocation Budget as itemized below, and funding for future years is subject to Council's approval of the proposed citywide Fiscal Year (FY) 2022 and FY 2023-2024 Budget and Annual Appropriation Ordinances.

\$46,944	FY 2022: Software Maintenance Budget Code: 680-35-363-384-6005-000-472-613130 (IT Cost Allocation, Software Renewal, Software Maintenance)
\$49,291	FY 2023: Software Maintenance Budget Code: 680-35-363-384-6005-000-472-613130 (IT Cost Allocation, Software Renewal, Software Maintenance)
\$51,756	FY 2024: Software Maintenance Budget Code: 680-35-363-384-6005-000-472-613130 (IT Cost Allocation, Software Renewal, Software Maintenance)
\$147,991	Total FY 2022-2024 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 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 77 datasets and 20 map layers, some examples 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	

In 2020, the highest accessed and most downloaded datasets were related to COVID-19. Many datasets related to COVID-19 were uploaded such as list of COVID-19 Confirmed cases, Cases by Age, all test results daily, and weekly statistics. There were charts uploaded for the comparison of COVID-19 case rates and population percentage by age group, and case rates by race and ethnicity.

In December 2020, the City uploaded Racial and Identity Profiling Act (RIPA) data to the Open Data portal in alignment with Assembly Bill 953, "...which among other things

requires each California law enforcement agency employing peace officers to annually report their stop data to the Attorney General."¹.

This information updates on the Open Data portal on the 14th of each month with the previous month's data. Berkeley PD transitioned to RIPA stop data collection effective October 1, 2020. Data collected from these stops conforms to requirements set forth in Government Code section 12525.5 that was enacted as a result of AB 953, the Racial and Identity Profiling Act (RIPA) of 2015 (<https://oag.ca.gov/ab953>). Berkeley PD will begin reporting RIPA data to the CA DOJ effective January 1, 2021.

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/>).

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.

In 2018, Tyler Technologies, Inc. purchased the Socrata platform. Under Tyler Technologies, Socrata has kept its name and branding. In 2019, staff assigned the contract from Socrata, Inc. to Tyler Technologies, Inc.

¹ (<https://openjustice.doj.ca.gov/exploration/stop-data>)

From 2015 to 2019 the City added about 77 datasets and 20 map layers on various City functions and operations, including crime incidents, 311 service requests, salaries, parcels and energy use.

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

Tyler Technologies, Inc. offers the Socrata platform as a 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 three years. The increase in yearly fee is necessary to acquire an education bundle and additional dataset storage.

ALTERNATIVE ACTIONS CONSIDERED

Staff considered not renewing licenses for the Socrata platform, but doing so would yield operation inefficiencies that would affect the quality of service delivered to City staff and the community.

CONTACT PERSON

Savita Chaudhary, Director, Information Technology, 510-981-6525

Attachments:

1: Resolution

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

CONTRACT NO. 100547-1 AMENDMENT: TYLER TECHNOLOGIES, INC. FOR THE
OPEN DATA PORTAL'S (ODP) HOSTING SERVICES

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, in 2018, Tyler Technologies, Inc. purchased the Socrata platform and, and in 2019, staff assigned the contract from Socrata, Inc. to Tyler Technologies, Inc.; and

WHEREAS, funding for the additional hosting services for \$147,991 is available in the Fiscal Year (FY) 2022-2024 IT Cost Allocation Budget as itemized below, and funding for future years is subject to Council's approval of the proposed citywide Fiscal Year (FY) 2022 and FY 2023-2024 Budget and Annual Appropriation Ordinances.

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that the City Manager is authorized to execute an amendment to Contract No. 100547-1 with Tyler Technologies, Inc., for the purposes of hosting the City's Open Data Portal, increasing the amount by \$147,991 for a total contract amount not to exceed \$402,961 and extending the term through June 30, 2024.

