




## Recommendation for Council Action (Purchasing)

<b>Austin City Council</b>	<b>Item ID:</b>	61162	<b>Agenda Number</b>	
<b>Meeting Date:</b>	September 1, 2016			
<b>Department:</b>	Purchasing			
Subject				
<p>Authorize negotiation and execution of a 6-month contract with DROPCOUNTR, INC, to provide a customizable residential water efficiency, customer engagement and water consumption reporting software program, in an amount not to exceed \$86,250.</p>				
Amount and Source of Funding				
Funding is available in the Fiscal Year 2015-2016 Operating Budget of Austin Water.				
Fiscal Note				
A fiscal note is not required.				
<b>Purchasing Language:</b>	Professional Services			
<b>Prior Council Action:</b>				
<b>For More Information:</b>	Jim Howard, Corporate Purchasing Manager, 512-974-2031			
<b>Boards and Commission Action:</b>	August 10, 2016 - To be reviewed by the Water and Wastewater Commission. August 16, 2016 - To be reviewed by the Resource Management Commission.			
<b>Related Items:</b>				
<b>MBE / WBE:</b>	This contract was reviewed for subcontracting opportunities in accordance with City Code Chapter 2-9C Minority Owned and Women Owned Business Enterprise Procurement Program. For the services required for this contract, there were insufficient subcontracting opportunities; therefore, no subcontracting goals were established.			
Additional Backup Information				
<p>The contract is needed to continue the assessment of the pilot home water use reporting program. The pilot program provides participating customers with home water use reports intended to allow customers to better understand and analyze their water usage. The report compares a customer's use with customers of similar demographics and water use characteristics as well as comparing their usage to efficiency goals and metrics. The report also helps customers better understand Austin Water's (AW) volumetric rate tiers and when those tiers are reached. The reports also feature direct links to AW incentive programs to reduce water use and help meet the City's conservation and drought management goals. Abnormal wet weather and an increase in participation of the pilot program affected the ability to measure water usage. As a result, additional time and data are needed to effectively meet the pilot program goals.</p> <p>In 2015, Dropcountr, Inc. was awarded an initial 12 month contract based on various factors including the ability to provide mobile application, marketing approach, and cost. The initial contract cost was \$48,000 and limited to 10,000 digital and mailed reports. Since implementation of the pilot project, demand for the reports has exceeded the</p>				

contract amount and over 4,000 customers have been in the program for only five months or less. This new contract will extend the pilot period another six months and allow an opportunity to gather sufficient data to ensure statistically valid results for the assessment of the pilot program.

Dropcountr has acquired and managed water use data from over 225,000 AW residential accounts and developed reporting features, analytics and reporting interfaces specific and unique to AW. Dropcountr has successfully performed these services for the City and has third party certification as meeting the City's security and privacy controls. Based on Dropcountr's demonstrated competence and qualifications, AW staff has determined Dropcountr the most experienced and qualified vendor to continue providing this service. In addition, Dropcountr would be available immediately to help respond to any high water bill complaints and the implementation of the City's new bill adjustment policy. Dropcountr reports include AW customer water use and customized graphic design and features familiar to current participants. The reports are also accessible by mobile or web application providing customers with immediate access to utility alerts relating to a broad range of programs and notices. Interruption or change in providing home water use reports may result in a loss of customer interest or participation in the pilot project, negating the assessment done thus far under the pilot.

AW has historically relied on financial incentives and information dissemination to help customers conserve water. Providing home water use reports adds an additional approach. The concept behind providing customers with home water use reports is to leverage social norms – comparing the customer's water use with that of similar homes – as well as to provide feedback to the customer on water and cost saving ideas, available rebates and goal setting to see whether this type of customer engagement will be more effective in changing water use behavior.

<div style="text-align: center;"> A U S T I N C I T Y C O U N C I L  <b>AGENDA</b> </div> 				
<b>Recommendation for Council Action</b>				
Austin City Council	Item ID	61610	Agenda Number	
<b>Meeting Date:</b>	9/1/2016		<b>Department:</b>	Austin Energy
Subject				
<p>Approve issuance of a rebate to KIPP AUSTIN PUBLIC SCHOOLS, INC., for the installation of energy efficiency measures at its North Campus located at 8004 Cameron Road, in an amount not to exceed \$60,412. (District 4)</p>				
Amount and Source of Funding				
<p>Funding is available in the Fiscal Year 2015-2016 Operating Budget of Austin Energy.</p>				
Fiscal Note				
<p>A fiscal note is not required.</p>				
<b>Purchasing Language:</b>				
<b>Prior Council Action:</b>				
<b>For More Information:</b>	<p>Jeff Vice, Director, Local Government Issues (512) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.</p>			
<b>Council Committee, Boards and Commission Action:</b>	<p>August 15, 2016 - To be reviewed by the Electric Utility Commission. August 16, 2016 – To be reviewed by the Resource Management Commission.</p>			
<b>MBE / WBE:</b>				
<b>Related Items:</b>				
Additional Backup Information				
<p>Austin Energy requests authorization to issue a rebate to KIPP Austin Public Schools, Inc., in an amount not to exceed \$60,412, for energy efficiency measures installed at its North Campus. The school is located at 8004 Cameron Road, in Council District 4.</p> <p>The KIPP Austin North Campus is a single 200,000 square foot building to be used for the education of K-12 Austin area children. This complete renovation of an existing manufacturing facility is a change of occupancy from Industrial to Educational and, as such, it is considered new construction. The facility includes classrooms, science and computer labs, a gymnasium, a full-production kitchen, and a cafeteria. The energy efficiency measures installed include high efficiency lighting, lighting control sensors, variable frequency drives, split system and variable refrigerant flow air conditioner systems, and commercial kitchen equipment. The estimated total cost of installing the measures is \$5,470,439 and the rebate will cover approximately 1.1% of the total cost. The demand savings associated with this energy efficiency project are estimated at 190 kilowatts (kW) at a program cost of \$318 per kW saved.</p> <p>These improvements are in accordance with Austin Energy's Commercial Rebate Program guidelines and the Energy</p>				

Conservation Audit and Disclosure Ordinance. This program is one element of the comprehensive Austin Energy Resource, Generation and Climate Protection Plan to realize 700 MW of energy efficiency and 200 MW of demand response by 2025. The original plan, approved by City Council in April 2010 and updated in December 2014, is designed in part to reduce local air pollution through energy conservation, reduce peak demand, reduce the need to purchase additional generation and assist customers in reducing electric consumption.

The avoided kilowatt hours (kWh) estimated at 1,423,794 kWh per year represents a major benefit to the local environment. This project is estimated to offset the production of the following air emissions: 855 metric tons of Carbon Dioxide (CO<sub>2</sub>), 0.539 metric tons of Sulfur Dioxide (SO<sub>2</sub>) and 0.596 metric tons of Nitrogen Oxides (NO<sub>x</sub>). The project savings are equivalent to an estimated 1,919,534 vehicle miles traveled, the removal of 164 cars from our roadways, the planting of 21,964 trees or 1,098 acres of forest in Austin's parks.

## PROJECT FACT SHEET – KIPP AUSTIN NORTH CAMPUS

Property Name	KIPP Austin North Campus		
Customer Name	KIPP Austin Public Schools		
Property Address	8004 Cameron Road		
<b>ECAD Status In Compliance</b>		Total Measure Costs	\$5,470,439
		Total Rebate – Not to Exceed	\$60,412
		% of Total Measure Costs	1.1%

<b>SCOPE OF WORK</b>					
Measure	Rebate Amount	kW Saved - Estimated	kWh Saved - Estimated	Measure Costs	\$/kW
Commercial Air Conditioning	\$46,065	84.4	1,016,284	\$2,992,249	\$545
Commercial Kitchen Equipment	\$1,275	2.4	8,245	\$381,803	\$540
Lighting Controls	\$2,189	17.5	68,353	\$301,208	\$125
Lighting New Construction	\$10,649	85.2	329,842	1,747,454	\$125
Variable Frequency Drives	\$234	0.6	1,070	\$47,725	\$403
<b>Totals</b>	<b>\$60,412</b>	<b>190.1</b>	<b>1,423,794</b>	<b>\$5,470,439</b>	<b>\$318</b>

Previous Measures Performed in last 10 Years	Completion Date	Rebate Amount
Custom (Cycling Air Dryer)	12/21/2012	\$ 694.80
Lighting & Custom (Compressor VFD)	11/30/2011	\$ 10,831.39
Air Conditioning Units	2/27/2007	\$ 418.00
Reflective Roof	4/12/2007	\$ 450.00

<b>AE Commercial Energy Efficiency Program for FY2016 (as of June 30, 2016)</b>							
Program	kW Savings Goal	YTD kW Savings	% of Goal	Budget	YTD Dollars Spent	YTD Participation	\$/kW
Commercial Rebates	13,500	4,700	34.8%	\$2,700,000	\$1,755,631	198	\$375