

A G E N D A



Recommendation for Council Action (Purchasing)

Austin City Council	Item ID:	40385	Agenda Number	<ITEM_OUTLINE>
Meeting Date:	February 26, 2015			
Department:	Purchasing			
Subject				
<p>Authorize award and execution of 15 contracts through the Texas Local Government Purchasing Cooperative (BuyBoard) for medium and heavy duty vehicles and pieces of equipment with CENTERLINE SUPPLY, LTD. for three striping machines in an amount not to exceed \$38,493, CENTRAL TEXAS EQUIPMENT for LED message boards and air compressors in an amount not to exceed \$275,390, CLARK EQUIPMENT COMPANY DBA BOBCAT COMPANY for one skid-steer loader and two utility vehicles in an amount not to exceed \$54,175, COOPER EQUIPMENT CO. for two crack sealers and one asphalt distributor in an amount not to exceed \$223,181, COUFAL PRATER EQUIPMENT, LTD. for four pieces of equipment and three all-terrain vehicles in an amount not to exceed \$91,563, JOHN WRIGHT ASSOCIATES, INC. for six vehicles in an amount not to exceed \$98,333, KINLOCH EQUIPMENT AND SUPPLY, INC. for eight sand spreaders in an amount not to exceed \$173,960, MAGNUM TRAILERS for eight trailers in an amount not to exceed \$48,025, PIONEER ATHLETICS for two paint striping machines in an amount not to exceed \$17,020, PROFESSIONAL TURF PRODUCTS for two mowers in an amount not to exceed \$105,412, RDO EQUIPMENT for 15 pieces of equipment in an amount not to exceed \$1,766,829, RIVER CITY MARKETING DBA MISSION GOLF CARS for one utility vehicle in an amount not to exceed \$14,562, R.S. EQUIPMENT CO. LLC for one trailer in an amount not to exceed \$12,415, VERMEER EQUIPMENT OF TEXAS, INC. for one brush chipper in an amount not to exceed \$34,885, and WIRTGEN AMERICA, INC. for three pieces of construction equipment in an amount not to exceed \$670,233 for a total amount not to exceed \$3,624,476.</p>				
Amount and Source of Funding				
<p>Funding in the amount of \$22,692 is available in the Fiscal Year 2014-2015 Capital Budget of the Austin Energy. Funding in the amount of \$43,569 is available in the Fiscal Year 2014-2015 Capital Budget of the Austin Water Utility. Funding in the amount of \$14,562 is available in the Fiscal Year 2014-2015 Operating Budget of the Austin Convention Center. Funding in the amount of \$24,392 is available in the Fiscal Year 2014-2015 Operating Budget of the Austin Fire Department. Funding in the amount of \$463,020 is available in the Fiscal Year 2014-2015 Vehicle Acquisition Fund for Animal Services and the Parks and Recreation Department. Funding in the amount of \$1,529,116 is available in the Fiscal Year 2014-2015 Capital Budget of the Public Works Department. Funding in the amount of \$242,874 is available in the Fiscal Year 2014-2015 Capital Budget of the Transportation Department. Funding in the amount of \$1,284,251 is available in the Fiscal Year 2014-2015 Capital Budget of the Watershed Protection Department.</p>				
Fiscal Note				
A fiscal note is attached.				
Purchasing Language:	Cooperative Purchase			
Prior Council Action:				
For More Information:	Sandy Wirtanen, Buyer II, 512-974-7711			

Boards and Commission Action:	February 11, 2015 – To be reviewed by Water and Wastewater Commission. February 23, 2015 – To be reviewed by the Electric Utility Commission.
MBE / WBE:	
Related Items:	This cooperative contract will be awarded in compliance with City Code Chapter 2-9D Minority-Owned and Women-Owned Business Enterprise Procurement Program. No subcontracting opportunities were identified; therefore, no goals were established for this contract.
Additional Backup Information	
<p>These contracts are for the purchase of 41 replacement pieces of equipment, three replacement vehicles, 24 new pieces of equipment and 10 new vehicles to be distributed among the Animal Services, Austin Energy, Austin Water Utility, Convention Center, Fire Department, Parks and Recreation Department, Public Works Department, Transportation Department and Watershed Protection Department.</p> <p>Fleet Services and the Office of Sustainability have worked together to develop a vehicle purchasing process to progress towards our Citywide objective of obtaining carbon neutrality by 2020. The purchasing standard incorporates the following criteria: pollutant and greenhouse gas emissions impact, available technologies on the market, physical demands on the vehicle, service application, and life-cycle cost. These criteria are applied to all vehicle purchase requests submitted to Fleet.</p> <p>36 of these vehicles and pieces of equipment are powered by engines capable of operating on B20 biodiesel (20% biodiesel blended with 80% petro-diesel). The B20 biodiesel that the City currently purchases is ultra-low sulfur diesel, with the Texas Commission on Environmental Quality approved Kern additive compliant with the Texas Low Emissions Diesel Program. A new technology vehicle operating on B20 produces at least 10% less particulate matter, at least 10% less carbon monoxide, and at least 10% less unburned hydrocarbons from running on petro-diesel, while also reducing life-cycle greenhouse gas emission by at least 15%.</p> <p>Seven of these vehicles are electrically powered emitting zero tailpipe emissions. Electric vehicles contribute to the City's goal of making its vehicle fleet carbon-neutral by 2020. In addition, electric vehicles charged on the Austin Energy Plug-in EVerywhere network are powered using GreenChoice (100% renewable energy) power, eliminating criteria air pollutant and greenhouse gas emissions.</p> <p>The vehicles in this RCA have been recommended for purchase utilizing a process that involves the Fleet Officer, affected Department Directors, and Assistant City Managers (ACM). ACM approval is required for all new additions to the City's fleet prior to any requests being made to the Purchasing Office.</p> <p>Departments review the list of vehicles determined eligible by Fleet Services for replacement based on mileage, hours of use, and maintenance costs. From that list, priority uses were determined within the departments, and the proposed vehicle was reviewed by the Fleet Service Center Manager to ensure the specified vehicle is appropriate for the use.</p> <p>All of these replacement vehicles have met the Fleet Officer's eligibility criteria for replacement. The Fleet Service Center Managers have inspected each vehicle to be replaced and determined that the mileage or hours of use of each vehicle proposed for replacement cannot be increased without risking a significant increase in repair costs and loss of productivity due to downtime.</p> <p>The vehicles and pieces of equipment in this purchase will be assigned to the following departments:</p> <p><u>Animal Services</u> Two enclosed trailers – Replacement</p> <p><u>Austin Energy</u> Two Gators – New</p> <p><u>Austin Water Utility</u> Two utility vehicles – Replacement One trailer – Replacement</p>	

Austin Convention Center

One Cushman Titan cart – Replacement

Austin Fire Department

Five trailers – New

Parks and Recreation Department

One mower attachment – Replacement

Three utility tractors – Replacement

Two Toro Grounds Masters – Replacement

Two John Deere backhoes – Replacement

One John Deere track loader – Replacement

One brush chipper – Replacement

Public Works Department

Three striping machines – Replacement

Two crack sealers – Replacement

One asphalt distributor – New

Three incident response trailers – New

One solar message board – Replacement

Three portable air compressors – Replacement

Two sand spreaders – Replacement

Six sand spreaders - New

One John Deere tractor – Replacement

One John Deere tractor – New

One Hamm double-drum roller – Replacement

One Hamm double-drum roller – New

One milling machine – Replacement

Transportation Department

Two striping machines – Replacement

Six solar powered message boards – Replacement

Two solar powered message boards – New

Six Raptor stand-on vehicles – New

Watershed Protection Department

One Gator – New

One skid steer loader – New

One skid steer trailer – New

One John Deere backhoe – Replacement

Two backhoe attachments – New

One soil roller – Replacement


One soil roller – New

Two John Deere excavators – Replacement

One John Deere track loader – Replacement

One John Deere track loader with mulcher – Replacement

One John Deere wheel loader – New

AUSTIN CITY COUNCIL				
AGENDA				
				
Recommendation for Council Action (Purchasing)				
Austin City Council	Item ID:	40386	Agenda Number	<ITEM_OUTLINE>
Meeting Date:	February 26, 2015			
Department:	Purchasing			
Subject				
<p>Authorize award and execution of four contracts through Texas Multiple Award Schedule Cooperative for medium and heavy duty vehicles and pieces of equipment with AMERICAN MATERIAL HANDLING, INC. for four pieces of equipment in an amount not to exceed \$124,083, POLARIS SALES, INC. for two all-terrain vehicles in an amount not to exceed \$29,526, TENNANT SALES AND SERVICE COMPANY for four sweepers in an amount not to exceed \$91,805, and TIME MANUFACTURING, CO. DBA VERSALIFT SOUTHWEST for two aerial lift trucks in an amount not to exceed \$203,975, for atotal amount not to exceed \$449,389.</p>				
Amount and Source of Funding				
<p>Funding in the amount of \$44,506 is available in the Fiscal Year 2014-2015 Capital Budget of Austin Energy. Funding in the amount of \$40,767 is available in the Fiscal Year 2014-2015 Capital Budget of the Austin Water Utility. Funding in the amount of \$118,904 is available in the Fiscal Year 2014-2015 Operating Budget of the Austin Convention Center. Funding in the amount of \$41,237 is available in the Fiscal Year 2014-2015 Vehicle Acquisition Fund for the Fleet Services Department and Animal Services. Funding in the amount of \$203,975 is available in the Fiscal Year 2014-2015 Capital Budget of the Transportation Department.</p>				
Fiscal Note				
A fiscal note is attached.				
Purchasing Language:	Cooperative Purchase			
Prior Council Action:				
For More Information:	Sandy Wirtanen, Buyer II, 512-974-7711			
Boards and Commission Action:	February 11, 2015 – To be reviewed by the Water and Wastewater Commission. February 23, 2015 – To be reviewed by the Electric Utility Commission.			
Related Items:				
MBE / WBE:	This cooperative contract will be awarded in compliance with City Code Chapter 2-9D Minority-Owned and Women-Owned Business Enterprise Procurement Program. No subcontracting opportunities were identified; therefore, no goals were established for this contract.			
Additional Backup Information				

These contracts are for the purchase of eight replacement pieces of equipment, three replacement vehicles and one new vehicle to be distributed among the following departments: Austin Energy, Austin Water Utility, Austin Convention Center, Fleet Services and the Transportation Department.

Fleet Services and the Office of Sustainability have worked together to develop a vehicle purchasing process to progress towards our Citywide objective of obtaining carbon neutrality by 2020. The purchasing standard incorporates the following criteria: pollutant and greenhouse gas emissions impact, available technologies on the market, physical demands on the vehicle, service application, and life-cycle cost. These criteria are applied to all vehicle purchase requests submitted to Fleet.

Two of these vehicles are powered by engines capable of operating on B20 biodiesel (20% biodiesel blended with 80% petro-diesel). The B20 biodiesel that the City currently purchases is ultra-low sulfur diesel, with the Texas Commission on Environmental Quality approved Kern additive compliant with the Texas Low Emissions Diesel Program. A new technology vehicle operating on B20 produces at least 10% less particulate matter, at least 10% less carbon monoxide, and at least 10% less unburned hydrocarbons from running on petro-diesel, while also reducing life-cycle greenhouse gas emission by at least 15%.

Two of these vehicles are flex-fuel vehicles that are capable of operating on gasoline (typically 6-10% ethanol) up to E85 (85% ethanol blended with 15% gasoline). New technology flex-fuel vehicles operating on E85 produce tailpipe NOx, carbon monoxide, and non-methane hydrocarbon levels no different from running on gasoline while also reducing life-cycle greenhouse gas emissions by at least 20%.

Three of these vehicles are electrically powered emitting zero tailpipe emissions. Electric vehicles contribute to the City's goal of making its vehicle fleet carbon-neutral by 2020. In addition, electric vehicles charged on the Austin Energy Plug-in EVerywhere network are powered using GreenChoice (100% renewable energy) power, eliminating criteria air pollutant and greenhouse gas emissions.

Five of these pieces of equipment are powered by propane. Propane is a domestically produced, well-established, clean-burning fuel that increases energy security, provides convenience and performance benefits, and improves public health and the environment. Propane costs less than gasoline and offers a comparable driving range to conventional fuel. Propane is nontoxic, nonpoisonous, and insoluble in water in addition to being a cleaner-burning fuel than conventional gasoline and diesel. Switching to propane from gasoline can also result in substantial air pollutant reductions of hydrocarbons, carbon monoxide, and oxides of nitrogen.

The vehicles in this RCA have been recommended for purchase utilizing a process that involves the Fleet Officer, affected Department Directors, and Assistant City Managers (ACM). ACM approval is required for all new additions to the City's fleet prior to any requests being made to the Purchasing Office.

Departments review the list of vehicles determined eligible by Fleet Services for replacement based on mileage, hours of use, and maintenance costs. From that list, priority uses were determined within the departments, and the proposed vehicle was reviewed by the Fleet Service Center Manager to ensure the specified vehicle is appropriate for the use.

All of these replacement vehicles have met the Fleet Officer's eligibility criteria for replacement. The Fleet Service Center Managers have inspected each vehicle to be replaced and determined that the mileage or hours of use of each vehicle proposed for replacement cannot be increased without risking a significant increase in repair costs and loss of productivity due to downtime.

The vehicles and pieces of equipment in this purchase will be assigned to the following departments:

Animal Services

One Polaris all-terrain vehicle – Replacement

Austin Energy

One scrubber/sweeper – Replacement

One Polaris all-terrain vehicle – New

Austin Water Utility

One forklift – Replacement

Austin Convention Center

Two forklifts – Replacement

One carpet cleaner – Replacement

One carpet cleaner - New

One sweeper – Replacement

Fleet Services

One forklift – Replacement

Transportation Department

Two aerial lift trucks – Replacement

AGENDA



Recommendation for Council Action (Purchasing)

Austin City Council	Item ID:	40367	Agenda Number	<ITEM_OUTLINE>
Meeting Date:	February 26, 2015			
Department:	Purchasing			
Subject				
<p>Authorize award, negotiation, and execution of three 24-month contracts with KEMA, INC., GDS ASSOCIATES, INC. and LEIDOS INC., or one of the other qualified offerors to RFP No. OPJ0112, for demand side management consulting services in an amount not to exceed \$1,000,000 each and combined with two 12-month extension options in an amount not to exceed \$500,000 each and combined, for a total amount not to exceed \$2,000,000.</p>				
Amount and Source of Funding				
<p>Funding in the amount of \$500,000 is available in the Fiscal Year 2014-2015 Austin Energy Operating Budget. Funding for the remaining 12 months of the initial contract period and extension options are contingent upon available funding in future budgets.</p>				
Fiscal Note				
<p>There is no unanticipated fiscal impact. A fiscal note is not required.</p>				
Purchasing Language:	Best evaluated proposals.			
Prior Council Action:				
For More Information:	Oralia Jones, Senior Buyer Specialist, 512-322-6594			
Boards and Commission Action:	February 17, 2015 - To be reviewed by the Resource Management Commission. February 23, 2015 - To be reviewed by the Electric Utility Commission.			
Related Items:				
MBE / WBE:	This contract will be awarded in compliance with City Code Chapter 2-9C Minority-Owned and Women-Owned Business Enterprise Procurement Program. No subcontracting opportunities were identified; therefore, no goals were established for this solicitation.			

Additional Backup Information

These contracts will provide Austin Energy with access to demand side management and supply side resource consulting services with up to three companies which, together, cover a breadth of knowledge related to Austin Energy's distributed energy management programs. The contracts will assist the utility in achieving the energy efficiency and renewable energy goals initiated in the City's Resource, Generation and Climate Protection Plan established in 2007, which have been updated with more aggressive targets of 900 megawatts (MW) of energy efficiency and demand side management by 2025 and 200 MW of local solar by 2025, as well as other action items from Council. These services will be used only if necessary, to augment existing staff resources. Consistent with past practice, specific projects will be awarded based on competitive price quotes.

While Austin Energy has enhanced its capabilities for delivering energy efficiency, demand side management, renewable energy, smart grid, demand response, and the associated carbon reduction and other environmental benefits, addressed in the Resource, Generation and Climate Protection Plan, from time to time its staff will also require specialized independent consulting services to assist in the evaluation of energy plans and strategies for achieving the City's goals. The consultants will provide additional experience and expertise in demand side management, demand response technologies, distributed supply side resources, Electric Reliability Council of Texas (ERCOT) markets, financing, and business model development required for the successful attainment of the City's goals as well as third-party verification or independent, objective assessment of City's policies and program proposals as necessary.

Having these consulting services on contract will enable Austin Energy to respond in a cost effective and timely manner to requests from Council or Commissions, and to ongoing business needs as they arise, without issuing multiple separate Request For Proposals for each small project.

The consultants may review programs and make recommendations to increase participation and cost effectiveness, recommend enhancements in response to changes in energy codes and standards, analyze current and proposed Federal and State legislation for efficiency and demand side management programs and their impact on energy programs, as well as carbon management strategies including carbon offsets and the ability to claim savings. The consultants may also assist Austin Energy with the development of solar implementation strategies required to meet its goals for solar power, including rebates, production-based incentives, feed-in tariffs, net metering and the impact on customer bills, and the local electrical distribution system.

Other projects expected to require the consultants' expertise include:

- Site selection and financial analysis of residential, commercial, and utility scale solar from first cost, operation cost, and various financing ownership options.
- ERCOT market analysis to determine the market options and associated values of distributed energy resource management programs and their impacts, load shifting, and storage technologies, as well as associated strategies.
- Designing electric rates for technologies such as solar photovoltaic, load shifting, and thermal and electric energy storage to properly value the impacts of these technologies.
- Conducting production, financial, and grid impact analyses of distributed generation resources, including customer-sited, behind the meter installations and utility scale energy storage and generation on the distribution or transmission grid.
- Evaluating and projecting the penetration rates, financial impacts, infrastructure upgrades, market impacts of electric vehicles as a load, a controllable load, and active electric storage vehicle to grid.

City Council's mandated 2025 energy efficiency goals necessitate independent, objective consultant analysis of energy efficiency technologies and programs that will:

- provide an up-to-date assessment and baseline to replace the current five year old version;
- lead to internal program improvements through responsive methodology development and deployment;
- create or improve savings verification metrics; and
- enhance the professional skill set of staff.

An Evaluation Committee composed of personnel from Austin Energy with expertise in this area evaluated the proposals and based on the criteria, scored these proposals as those which best meet its requirements. Evaluation criteria included system concept and solutions proposed, experience, evidence of project management practices, personnel qualifications, cost and local business presence.

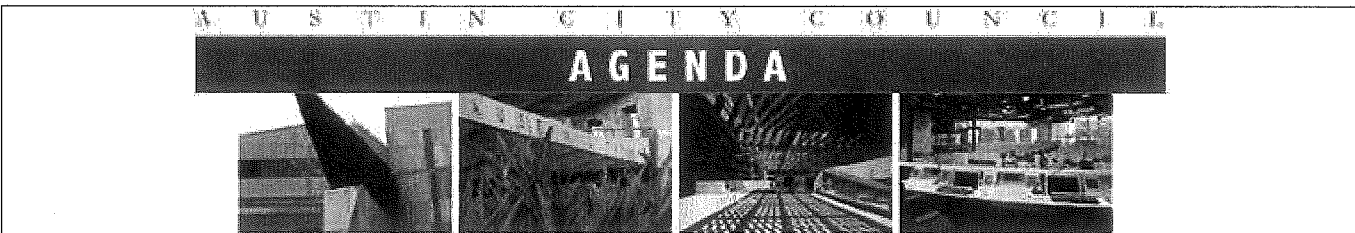
This request allows for the development of contracts with the three qualified offerors selected by Council. If the City is unsuccessful in negotiating satisfactory agreements with any of the selected offerors, negotiations will cease and staff will return to Council so that another qualified offeror may be selected, authorizing new contract negotiations.

PRICE ANALYSIS

- a. Adequate competition.
- b. 349 notices were sent including 23 MBEs and 13 WBEs. Six proposals were received, with no response from the MBE/WBEs.

APPROVAL JUSTIFICATION

- a. Best evaluated proposals of six proposals received.
- b. The Purchasing Office concurs with Austin Energy's recommended award.
- c. Advertised on the Internet.



Recommendation for Council Action (Purchasing)

Austin City Council	Item ID:	40382	Agenda Number	<ITEM_OUTLINE>
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Meeting Date:	February 26, 2015
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Department:	Purchasing
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Subject

Cast lots and authorize award and execution of a contract in accordance with Texas Local Government Code Section 271.901 with TEXAS METER & DEVICE CO. LLC, WATTHOUR ENGINEERING COMPANY, INC., or RADIAN RESEARCH, INC., who submitted identical bids, to provide portable three-phase meter testers/analyzers for Austin Energy in an amount not to exceed \$62,036.

Amount and Source of Funding

Funding is available in the Fiscal Year 2014-2015 Capital Budget of Austin Energy.

Fiscal Note

A fiscal note is attached.

Purchasing Language:	Lowest responsive bid received resulting from the casting of lots.
Prior Council Action:	
For More Information:	Paige McDonald, Buyer II, 512-322-6118
Boards and Commission Action:	February 23, 2015 - To be reviewed by the Electric Utility Commission.
Related Items:	
MBE / WBE:	This contract will be awarded in compliance with City Code Chapter 2-9D Minority-Owned and Women-Owned Business Enterprise Procurement Program. No subcontracting opportunities were identified; therefore, no goals were established for this solicitation.

Additional Backup Information

This contract is for the one-time purchase of two portable three-phase meter testers/analyzers for Austin Energy. The portable testers are used to ensure that electric meters, which measure customers' electricity usage, are installed and operating correctly so that customers' electrical usage is accurately recorded. Such field testing devices are all-in-one portable testing units that allow electric characteristics to be compiled and analyzed. They will be used by Austin Energy personnel to test electric meter installations, as well as the associated current transformers and wiring, at customer locations throughout the service area. These units can also be used to complete load tests and power quality checks at substations.

Three identical bids were received for this product. Per Chapter 271.901 of the Local Government Code, the municipality must select from the identical bids by the casting of lots. The casting of lots must be done in a manner prescribed by the Mayor and must be conducted in the presence of the City Council.

BID TABULATION

IFB No. MPM0022

Portable Three-Phase Meter Testers/Analyzers

(1 – line item, qty. 2)

<u>Vendor</u>	<u>Total Bid Amount</u>
Texas Meter & Device Waco, TX	\$62,036
Radian Research, Inc. Lafayette, IN	\$62,036
Wathour Engineering Company, Inc. Jackson, MS	\$62,036
Texas Electric Cooperatives Georgetown, TX	*

*Non-responsive. Offered product did not meet specifications as required by the solicitation.

A complete bid tabulation is on file in the Purchasing Office and is on the City's, FSD Purchasing website.

PRICE ANALYSIS

- a. Adequate competition.
- b. 75 notices were sent including two MBEs. Four bids were received, with no response from the MBEs.
- c. This is the first purchase of meter testers/analyzers with this functionality; however, the pricing offered represents a 28% increase from the last purchase of this type of product made in April 2011. The increase is based on the new technology included in these meter testers/analyzers.

APPROVAL JUSTIFICATION

- a. Lowest responsive bid resulting from the casting of lots.
- b. The Purchasing Office concurs with Austin Energy's recommended award.
- c. Advertised on the Internet.

**CITY OF AUSTIN – AUSTIN ENERGY
RECOMMENDATION FOR COUNCIL ACTION**

AGENDA DATE: 03/05/2014

SUBJECT: Approve issuance of a rebate to Austin Community College for the installation of energy efficiency measures at its newly constructed Highland Campus located at 6101 Airport Blvd., Austin, Texas 78752, in an amount not to exceed \$86,926.65

AMOUNT & SOURCE OF FUNDING: Funding is available in the Fiscal Year 2014-2015 Operating Budget of Austin Energy.

FISCAL NOTE: There is no unanticipated fiscal impact. A fiscal note is not required.

FOR MORE INFORMATION CONTACT: Jeff Vice, Director, Local Government Issues (512) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.

BOARD AND COMMISSION ACTION: February 17, 2015 - To be reviewed by the Resource Management Commission. February 23, 2015 - To be reviewed by the Electric Utility Commission.

Austin Energy requests authorization to issue a rebate to Austin Community College (ACC) in the amount of \$86,926.65 for the following energy efficiency measures at its new Highland Campus: high efficiency chillers, cooling towers, variable frequency drives, direct expansion air-conditioning, interior lighting and lighting controls, and roof insulation. These improvements are in accordance with the City of Austin's Commercial Rebate Program guidelines.

The Highland Campus, located at 6101 Airport Blvd., Austin, Texas 78752, is the latest addition to ACC's portfolio and is expected to accommodate 6,000 students. The total cost of this project is \$70,000,000 and the rebate will cover 0.124% of the cost.

This program is one element of Austin Energy's comprehensive 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 and assist customers in reducing electric consumption.

The demand (kilowatt or kW) savings associated with this energy efficiency project are estimated at 323.64 kW, at a program cost of \$268.59 per kilowatt saved. The avoided kilowatt hours (kWh) estimated at 1,184,586 kWh per year represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 711.3 metric tons of Carbon Dioxide (CO₂), 0.448 metric tons of Sulfur Dioxide (SO₂) and 0.496 metric tons of Nitrogen Oxides (NO_x).

In addition to the reduced air and toxic pollution, the project savings are also equivalent to an estimated 1,597,038 vehicle miles traveled, the removal of 136 cars from our roadways, the planting of 18,274 trees or 914 acres of forest in Austin's parks. The project will also generate approximately 533,064 gallons of water conservation at the generation power plant.

Property Name	Austin Community College – Highland Campus		
Customer Name	Austin Community College		
Property Address	6101 Airport Blvd.; Austin, TX 78735		
Customer Contact	Andy Kim	Total Project Cost	\$70,000,000.00
ECAD Status		Total Rebate – Not to Exceed	\$86,926.65
New Campus - Exempt		% of Total Project	0.001%

PROJECT SAVINGS	
kW Saved – Estimated	323.64
\$/kW – Estimated	\$268.59
kWh Saved – Estimated	1,184,586

SCOPE OF WORK
Austin Community College has installed the following energy efficiency measures at its Highland Campus through Austin Energy's Commercial Energy Efficiency Program.
High Efficiency Chillers, Cooling Towers, Variable Frequency Drives, Direct Expansion Air-Conditioning, Interior Lighting, Lighting Controls, and Roof Insulation.

Commercial New Construction Rebates			
Measure	Dollars/kW	kW Saved	kWh Saved
High Efficiency Chillers	\$515.43	31.90	41,945
Cooling Towers	\$250.14	63.0	204,862
Variable Frequency Drives	\$370.72	45.40	141,663
Direct Expansion Air Conditioning	\$1,333.33	2.52	91,341
Interior Lighting	\$112.10	110.23	487,207
Lighting Controls	\$108.01	27.39	121,468
Roof Insulation	\$444.91	43.20	96,100

Commercial Energy Efficiency Program for FY2015						
Program	kW Savings Goal	YTD kW Saved	% of Goal	Budget	YTD Dollars Spent	YTD Participation
Commercial Rebates	12,150	1,567	12.34	\$3,500,000	\$424,952	136
Small Business Rebates	2,870	1,428	79.26	\$1,976,053	\$1,592,563	214
Totals	15,020	2,995	20	\$5,476,053	\$2,017,515	350

**CITY OF AUSTIN – AUSTIN ENERGY
RECOMMENDATION FOR COUNCIL ACTION**

AGENDA DATE: 03/05/2014

SUBJECT: Approve issuance of a rebate to Freescale Semiconductor Inc. for the installation of energy efficiency improvements at its Oak Hill Campus located at 6501 William Cannon Drive West, Austin, Texas 78735, in an amount not to exceed \$58,286.39

AMOUNT & SOURCE OF FUNDING: Funding is available in the Fiscal Year 2014-2015 Operating Budget of Austin Energy.

FISCAL NOTE: There is no unanticipated fiscal impact. A fiscal note is not required.

FOR MORE INFORMATION CONTACT: Jeff Vice, Director, Local Government Issues (512) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.

BOARD AND COMMISSION ACTION: February 17, 2015 – To be reviewed by the Resource Management Commission. February 23, 2015 – To be reviewed by the Electric Utility Commission.

Austin Energy requests authorization to issue a rebate to Freescale Semiconductor, Inc. in the amount of \$58,286.39 for the installation of variable frequency drives (VFDs). The VFD is extremely effective at controlling motor speed and torque by varying frequency and voltage. This results in a significant power reduction for a relatively small reduction in speed.

Freescale Semiconductor, Inc. is a high tech manufacturer of chips for the computer and communications industry. The total cost of their project at the Oak Hill Campus is \$150,541.34 and the rebate will cover 38.7% of the cost.

This energy efficiency improvement is in accordance with the City of Austin's Commercial Rebate Program guidelines. This program is one element of Austin Energy's comprehensive 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 and assist customers in reducing electric consumption.

The demand (kilowatt or kW) savings associated with this energy efficiency project are estimated at 160.3 kW, at a program cost of \$363.61 per kilowatt saved. The avoided kilowatt hours (kWh) estimated at 500,097 kWh per year represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 300.3 metric tons of Carbon Dioxide (CO₂), 0.189 metric tons of Sulfur Dioxide (SO₂) and 0.209 metric tons of Nitrogen Oxides (NO_x).

In addition to the reduced air and toxic pollution, the project savings are also equivalent to an estimated 674,222 vehicle miles traveled, the removal of 58 cars from our roadways, the planting of 7,715 trees or 386 acres of forest in Austin's parks. The project will also generate approximately 225,044 gallons of water conservation at a power plant.

RCA FACT SHEET – Freescale Semiconductor – Oak Hill Campus

Property Name	Freescale Semiconductor – Oak Hill Campus		
Customer Name	Freescale Semiconductor, Inc.		
Property Address	6501 William Cannon Drive West; Austin, TX 78735		
Customer Contact	Jerry Inzer	Total Project Cost	\$150,541.00
ECAD Status		Total Rebate – Not to Exceed	\$58,286.39
Manufacturing – Predominant use exemption		% of Total Project	38.7%

PROJECT SAVINGS	
kW Saved – Estimated	160.3
\$/kW – Estimated	\$363.61
kWh Saved – Estimated	500,097

SCOPE OF WORK
MEASURE: Installation of Variable Frequency Drives. A VFD is a motor controller that drives an electric motor by varying frequency and voltage that directly affects motor speed. This change results in a large power reduction, compared to a fixed-speed operation, for a relatively small reduction in speed.

Previous Measures Performed by Freescale (5 year rebate history)	Completion Date	Rebate Amount
Lighting	7/23/2007	\$ 3,013.00
VFD	3/12/2008	\$ 4,401.40
UPS & Compressor (Custom)	5/29/2008	\$ 12,916.67
Chillers	12/11/2008	\$ 8,146.68
Reflective Roof	1/25/2010	\$ 20,750.40
Uninterruptable Power Supply (UPS)	11/19/2010	\$2,362.50

Commercial Energy Efficiency Program for FY2015						
Program	kW Savings Goal	YTD kW Saved	% of Goal	Budget	YTD Dollars Spent	YTD Participation
Commercial Rebates	12,150	1,567	12.34	\$3,500,000	\$424,952	136
Small Business Rebates	2,870	1,428	79.26	\$1,976,053	\$1,592,563	214
Totals	15,020	2,995	20	\$5,476,053	\$2,017,515	350

**CITY OF AUSTIN – AUSTIN ENERGY
RECOMMENDATION FOR COUNCIL ACTION**

AGENDA DATE: 03/05/2014

SUBJECT: Approve issuance of a rebate to Barrington Austin Apartments LLC, for performing energy efficiency improvements at the Barrington at Park Place Apartments Phase II located at 3220 Duval Rd., Austin, Texas 78759, in an amount not to exceed \$212,399.

AMOUNT & SOURCE OF FUNDING: Funding is available in the Fiscal Year 2014-2015 Operating Budget of Austin Energy.

FISCAL NOTE: There is no unanticipated fiscal impact. A fiscal note is not required.

FOR MORE INFORMATION CONTACT: Jeff Vice, Director, Local Government Issues (512) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.

BOARD AND COMMISSION ACTION: February 17, 2015 - To be reviewed by the Resource Management Commission. February 23, 2015 - To be reviewed by the Electric Utility Commission.

Austin Energy requests authorization to issue a rebate to the Barrington Austin Apartments LLC, in an amount not to exceed \$212,399 for performing multiple energy efficiency improvements at Barrington at Park Place Apartments in accordance with the City of Austin's Multi-Family Rebate Program guidelines.

The Barrington at Park Place Apartments are located at 3220 Duval Rd., Austin, Texas 78759. The property comprises 18 buildings containing 294 apartment units, with 198,984 square feet of conditioned space. The average rent for a one bedroom unit ranges from \$810 to \$900 and the two bedroom unit ranges from \$1,110 to \$1,130 depending on amenities. The estimated total cost of the project is \$196,196 and the rebate will cover approximately 90% of the total cost. The energy and water efficiency upgrades include air infiltration measures and installing solar screens, insulation, pipe wrap, compact fluorescent lighting and low flow water devices.

This program is one element of Austin Energy's comprehensive 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 and assist customers in reducing electric consumption.

The demand (kilowatt or kW) savings associated with these energy efficiency improvements is estimated at 220 kW, at a program cost of \$967 per kW saved. The avoided kilowatt hours (kWh), estimated at 559,885 kWh per year, represent a major benefit to the local environment. This project will prevent the production of the following air pollutants from being emitted: 336.2 metric tons of Carbon Dioxide (CO₂), 0.234 metric tons of Nitrogen Oxides (NO_x), and 0.212 metric tons of Sulfur Dioxide (SO₂). In addition to the reduced air and toxic pollution, the project savings are also equivalent to an estimated 754,827 vehicle miles traveled, the removal of 64.4 cars from our roadways, or the planting of 8,637 trees or 432 acres of forest in Austin's parks. The project will also generate approximately 251,948 gallons of water conservation at a power plant.

RCA FACT SHEET – BARRINGTON AT PARK PLACE APARTMENTS PH II

Property Name	Barrington at Park Place Apartments Ph II		
Customer Name	Barrington Austin Apartments, LLC		
Property Address	3220 Duval Rd., Austin, TX 78759		
Average Rent:	1 BR \$810 to \$900	2BR \$1,110 to \$1,130	
Year Built	1984	Property Tax ID	504105
Number of Residences	294	Contractor	1 st Choice Energy
Housing Type:	Market Rate	Cost of Work	\$236,000
Customer Contact	Ashley Eaton	Total Rebate - Estimated	\$212,399
Customer Phone	512 835-0982	% Rebate Paid - Estimated	90%
ECAD Status	In compliance	Rebate per Residential Dwelling	\$722

PROJECT SAVINGS	
kW Saved – Estimated	220
\$/kW – Estimated	\$967
kWh Saved – Estimated	559,885

SCOPE OF WORK
BUNDLED MEASURES: air seal, water saving devices, pipe wrap, CFLs, solar window screens, duct seal, attic insulation

Previous Measures Performed in last 10 Years	Completion Date	Rebate Amount
N/A	N/A	N/A

Multifamily Program Averages Per Offering – Previous 5 Years					
Measure	Avg\$/kW	% of project cost paid	Avg kWh	Avg # of Residences	Avg \$ Savings per Residence
Duct Seal	\$500	82%	108,000	153	\$ 78
Screens/Film	\$519	70%	43,786	149	\$ 32
Insulation	\$211	34%	31,200	55	\$ 62
Low-e Windows	\$535	16%	30,100	112	\$ 30
Reflective roof	\$310	4%	35,200	68	\$ 57
HVAC	\$370	7%	18,750	27	\$ 76
MERP*	\$860	82%	205,000	116	\$194

*MERP (BUNDLED REBATES) SINCE FY 2014

**CITY OF AUSTIN – AUSTIN ENERGY
RECOMMENDATION FOR COUNCIL ACTION**

AGENDA DATE: 03/05/2014

SUBJECT: Approve issuance of a rebate to F&F Copper Creek Associates LP for performing energy efficiency improvements at The Hendrix Apartment Homes located at 9811 Copper Creek Dr., Austin, Texas 78729, in an amount not to exceed \$265,149.

AMOUNT & SOURCE OF FUNDING: Funding is available in the Fiscal Year 2014-2015 Operating Budget of Austin Energy.

FISCAL NOTE: There is no unanticipated fiscal impact. A fiscal note is not required.

FOR MORE INFORMATION CONTACT: Jeff Vice, Director, Local Government Issues (512) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.

BOARD AND COMMISSION ACTION: February 17, 2015 - To be reviewed by the Resource Management Commission. February 23, 2015 - To be reviewed by the Electric Utility Commission.

Austin Energy requests authorization to issue a rebate to F&F Copper Creek Associates, in an amount not to exceed \$265,149, for performing multiple energy efficiency improvements at The Hendrix Apartment Homes in accordance with the City of Austin's Multi-Family Rebate Program guidelines.

The Hendrix Apartment Homes are located at 9811 Copper Creek Dr., Austin, Texas 78729. The property comprises 17 buildings containing 442 apartment units, with 476,276 square feet of conditioned space. The average rent for a one bedroom unit ranges from \$799 to \$859 and the two bedroom unit ranges from \$1,050 to \$1,100 depending on amenities. The energy and water efficiency upgrades include air infiltration measures, duct sealing and the installation of insulation, solar screens, pipe wrap and low flow water devices. The estimated total cost of the project is \$294,845 and the rebate will cover approximately 90% of the total cost.

This program is one element of Austin Energy's comprehensive 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 and assist customers in reducing electric consumption.

The demand (kilowatt or kW) savings associated with these energy efficiency improvements is estimated at 320.1 kW, at a program cost of \$828 per kW saved. The avoided kilowatt hours (kWh), estimated at 1,644,208 kWh per year, represent a major benefit to the local environment. This project will prevent the production of the following air pollutants from being emitted: 987.3 metric tons of Carbon Dioxide (CO₂), 0.688 metric tons of Nitrogen Oxides (NO_x), and 0.622 metric tons of Sulfur Dioxide (SO₂). In addition to the reduced air and toxic pollution, the project savings are also equivalent to an estimated 2,216,693 vehicle miles traveled, the removal of 189.1 cars from our roadways, or the planting of 25,364 trees or 1,268 acres of forest in Austin's parks. The project will also generate approximately 739,894 gallons of water conservation at the power plant.

RCA FACT SHEET – THE HENDRIX APARTMENTS

Property Name	The Hendrix Apartment Homes		
Customer Name	F & F Copper creek Associates LP		
Property Address	9811 Copper Creek Dr., Austin, TX 78729		
Average Rent:	1 BR \$799 to \$859 2BR \$1,050 to \$1,100		
Year Built	1984	Property Tax ID	R351319
Number of Residences	442	Contractor	360 Energy Savers
Housing Type:	Market Rate	Cost of Work	\$294,845
Customer Contact	Kelli Boos	Total Rebate - Estimated	\$265,149
Customer Phone	512 249-4000	% Rebate Paid - Estimated	90%
ECAD Status	In compliance	Rebate per Residential Dwelling	\$600

PROJECT SAVINGS	
kW Saved – Estimated	320.1
\$/kW – Estimated	\$828
kWh Saved – Estimated	1,644,208

SCOPE OF WORK
BUNDLED MEASURES: air seal, water saving devices, pipe wrap, solar window screens, duct seal, attic insulation

Previous Measures Performed in last 10 Years	Completion Date	Rebate Amount
Duct Diagnostic and Improvements	2011	\$115,782.00
CFL Light Bulbs	2009	\$45,645.00

Multifamily Program Averages Per Offering – Previous 5 Years					
Measure	Avg\$/kW	% of project cost paid	Avg kWh	Avg # of Residences	Avg \$ Savings per Residence
Duct Seal	\$500	82%	108,000	153	\$ 78
Screens/Film	\$519	70%	43,786	149	\$ 32
Insulation	\$211	34%	31,200	55	\$ 62
Low-e Windows	\$535	16%	30,100	112	\$ 30
Reflective roof	\$310	4%	35,200	68	\$ 57
HVAC	\$370	7%	18,750	27	\$ 76
MERP*	\$860	82%	205,000	116	\$194

*MERP (bundled rebates) since FY 2014

**CITY OF AUSTIN – AUSTIN ENERGY
RECOMMENDATION FOR COUNCIL ACTION**

AGENDA DATE: 03/05/2014

SUBJECT: Approve issuance of a rebate to Mesa Verde Apartments LLC., for performing energy efficiency improvements at The Mesa Verde Apartments located at 3201 Duval Rd., Austin, Texas 78759, in an amount not to exceed \$143,200.

AMOUNT & SOURCE OF FUNDING: Funding is available in the Fiscal Year 2014-2015 Operating Budget of Austin Energy.

FISCAL NOTE: There is no unanticipated fiscal impact. A fiscal note is not required.

FOR MORE INFORMATION CONTACT: Jeff Vice, Director, Local Government Issues (512) 322-6450; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.

BOARD AND COMMISSION ACTION: February 17, 2015 - To be reviewed by the Resource Management Commission. February 23, 2015 - To be reviewed by the Electric Utility Commission.

Austin Energy requests authorization to issue a rebate to Mesa Verde Apartments LLC, in an amount not to exceed \$143,200, for performing multiple energy efficiency improvements at The Mesa Verde Apartments in accordance with the City of Austin's Multi-Family Rebate Program guidelines.

The Mesa Verde Apartments are located at 3201 Duval Rd., Austin, Texas 78759. The property comprises 15 buildings containing 358 apartment units, with 305,124 square feet of conditioned space. The average rent for a one bedroom unit ranges from \$885 to \$980 and the two bedroom unit ranges from \$1,085 to \$1,315 depending on amenities. The energy and water efficiency upgrades include air infiltration measures and the installation of solar screens, pipe wrap, compact fluorescent lighting and low-flow water devices. The estimated total cost of the project is \$175,464 and the rebate will cover approximately 82% of the total cost.

This program is one element of Austin Energy's comprehensive 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 and assist customers in reducing electric consumption.

The demand (kilowatt or kW) savings associated with these energy efficiency improvements is estimated at 165 kW, at a program cost of \$871 per kW saved. The avoided kilowatt hours (kWh), estimated at 626,455 kWh per year, represent a major benefit to the local environment. This project will prevent the production of the following air pollutants from being emitted: 376.2 metric tons of Carbon Dioxide (CO₂), 0.262 metric tons of Nitrogen Oxides (NO_x), and 0.237 metric tons of Sulfur Dioxide (SO₂). In addition to the reduced air and toxic pollution, the project savings are also equivalent to an estimated 844,576 vehicle miles traveled, the removal of 72.1 cars from our roadways, or the planting of 9,664 trees or 483 acres of forest in Austin's parks. The project will also generate approximately 281,905 gallons of water conservation at a power plant.

RCA FACT SHEET – MESA VERDE APARTMENTS

Property Name	Mesa Verde Apartments		
Customer Name	Mesa Verde Apartments, LLC		
Property Address	3201 Duval Rd., Austin, TX 78759		
Average Rent:	1 BR \$885 to \$980 2BR \$1,085 to \$1,315		
Year Built	1993	Property Tax ID	504110
Number of Residences	358	Contractor	1 st Choice Energy
Housing Type:	Market Rate	Cost of Work	\$175,464
Customer Contact	Monica Felan	Total Rebate - Estimated	\$143,200
Customer Phone	512 719-1000	% Rebate Paid - Estimated	82%
ECAD Status	In compliance	Rebate per Residential Dwelling	\$400

PROJECT SAVINGS	
kW Saved – Estimated	164.4
\$/kW – Estimated	\$871
kWh Saved – Estimated	626,455

SCOPE OF WORK
BUNDLED MEASURES: air seal, water saving devices, pipe wrap, CFLs, solar window screens

Previous Measures Performed in last 10 Years	Completion Date	Rebate Amount
N/A	N/A	N/A

Multifamily Program Averages Per Offering – Previous 5 Years					
Measure	Avg\$/kW	% of project cost paid	Avg kWh	Avg # of Residences	Avg \$ Savings per Residence
Duct Seal	\$500	82%	108,000	153	\$ 78
Screens/Film	\$519	70%	43,786	149	\$ 32
Insulation	\$211	34%	31,200	55	\$ 62
Low-e Windows	\$535	16%	30,100	112	\$ 30
Reflective roof	\$310	4%	35,200	68	\$ 57
HVAC	\$370	7%	18,750	27	\$ 76
MERP*	\$860	82%	205,000	116	\$194

*MERP (bundled rebates) since FY 2014

**CITY OF AUSTIN – AUSTIN ENERGY
RECOMMENDATION FOR COUNCIL ACTION**

AGENDA DATE: 3/5/2015

SUBJECT: Authorize negotiation and execution of an agreement with Hops and Grain, LLC, to provide a performance-based incentive for the generation of solar energy at its facility located at 507 Calles St., Austin, Texas 78702 for an estimated \$9,208 per year, for a total amount not to exceed \$92,080 over a 10-year period.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$9,208 is included in the Fiscal Year 2014-2015 Operating Budget of Austin Energy.

FISCAL NOTE: There is no unanticipated fiscal impact. A fiscal note is not required.

FOR MORE INFORMATION CONTACT: Jeff Vice, Director, Local Government Issues (512) 322-6087; Danielle Murray, Solar Program Manager (512) 322-6055.

BOARD AND COMMISSION ACTION: February 17, 2015 - To be reviewed by the Resource Management Commission. February 23, 2015 - To be reviewed by the Electric Utility Commission.

Austin Energy requests authorization to enter into an agreement with Hops and Grain, LLC, to provide a performance-based incentive (PBI) for an estimated \$9,208 per year, for a total amount not to exceed \$92,080 over the 10-year period for the generation of solar energy at its craft brewery facility located at 507 Calles St., Austin, Texas 78702.

Austin Energy's solar program offers commercial customers incentive payments based on the metered solar production of their approved system for the first 10 years of operation. The payments are made as a monthly billing adjustment to the customer's account. The program was launched in 2010, replacing the upfront solar rebate for commercial customers.

The PBI level for this project is \$0.09 per kilowatt hour (kWh) for 10 years. The total installation cost is \$220,000 and the incentive will cover between 36% and 42% of the total cost. The solar equipment, which meets Austin Energy program requirements, includes a total of 242 solar modules rated at 255 watts and associated inverters rated at 97.5% efficiency. A total of 48 kW-AC in demand savings is expected.

This energy improvement will save an estimated 88,965 kWh per year—enough to provide electricity to eight average Austin homes for a year. These savings are equivalent to the planting of 1,372 trees or 69 acres of forest in Austin's parks or the removal of 119,941 vehicle miles or 10 cars from Austin roadways. This project will save 59 tons of Carbon Dioxide (CO₂); 74 pounds of Sulfur Dioxide (SO₂); 82 pounds of Nitrogen Oxide (NO_x); and 57 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere each year, and 40,034 gallons of water from being used at a power plant.



Austin Energy Project Fact Sheet Solar Applications

File Number	PBI203
Customer Name	Hops and Grain, LLC
Facility Address	507 Calles St., 78702
Customer Contact	Josh Hare
Phone Number	512-537-9756
Estimated Total Incentives	\$9,208 per year for 10-years
Application Received Date	12/23/2014
Number of Modules	242
Wattage per Module (STC)	255
Inverter Efficiency	97.5%
Solar Contractor	Circular Energy
Contractor Contact	Miles Whitten
Contractor Phone	512-879-4623
Installation Cost	\$220,000
Estimated kWh Savings	88,965 kWh per year
Estimated kW Demand Savings	48 kW-AC
Estimated Date of Completion	TBD
Site Information/Additional Comments	Craft Brewery in Austin Texas

**CITY OF AUSTIN – AUSTIN ENERGY
RECOMMENDATION FOR COUNCIL ACTION**

AGENDA DATE: 3/5/2015

SUBJECT: Authorize negotiation and execution of an agreement with The Settlement Home for Children, to provide performance-based incentives for the generation of solar energy at its facility located at 1600 Payton Gin Rd., Austin, Texas 78758, for an estimated \$11,038 per year, for a total amount not to exceed \$110,380 over a 10-year period.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$11,038 is included in the Fiscal Year 2014-2015 Operating Budget of Austin Energy.

FISCAL NOTE: There is no unanticipated fiscal impact. A fiscal note is not required.

FOR MORE INFORMATION CONTACT: Jeff Vice, Director, Local Government Issues (512) 322-6087; Danielle Murray, Solar Program Manager (512) 322-6055.

BOARD AND COMMISSION ACTION: February 17, 2015 - To be reviewed by the Resource Management Commission. February 23, 2015 - To be reviewed by the Electric Utility Commission.

Austin Energy requests authorization to enter into an agreement with The Settlement Home for Children, to provide performance-based incentives (PBIs) for an estimated \$11,038 per year, for a total amount not to exceed \$110,380 over the 10-year period for the generation of solar energy at its facility located at 1600 Payton Gin Rd., Austin, Texas 78758. The Settlement Home is an onsite housing and treatment facility.

Austin Energy's solar program offers commercial customers incentive payments based on the metered solar production of their approved system for the first 10 years of operation. The payments are made as a monthly billing adjustment to the customer's account. The program was launched in 2010, replacing the upfront solar rebate for commercial customers.

The PBI level for this project is \$0.09 per kilowatt hour (kWh) for 10 years. The total installation cost is \$192,500 and the incentive will cover between 50% and 57% of the total cost. The solar equipment, which meets Austin Energy program requirements, includes a total of 291 solar modules rated at 260 watts and associated inverters rated at 96.5% efficiency. A total of 58 kW-AC in demand savings is expected.

This energy improvement will save an estimated 106,638 kWh per year—enough to provide electricity to nine average Austin homes for a year. These savings are equivalent to the planting of 1,645 trees or 82 acres of forest in Austin's parks or the removal of 143,768 vehicle miles or 12 cars from Austin roadways. This project will save 71 tons of Carbon Dioxide (CO₂); 89 pounds of Sulfur Dioxide (SO₂); 98 pounds of Nitrogen Oxide (NO_x); and 68 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere each year, and 47,987 gallons of water from being used at a power plant.



Austin Energy Project Fact Sheet Solar Applications

File Number	PBI205 & PBI206
Customer Name	The Settlement Home for Children
Facility Address	1600 Payton Gin Rd., 78758
Customer Contact	Jacob Huereca
Phone Number	512-836-2150
Estimated Total Incentives	\$11,038 per year for 10-years
Application Received Date	1/8/2015
Number of Modules	291
Wattage per Module (STC)	260
Inverter Efficiency	96.5%
Solar Contractor	Circular Energy
Contractor Contact	Richard Estrada
Contractor Phone	512-796-1719
Installation Cost	\$192,500
Estimated kWh Savings	106,638 kWh per year
Estimated kW Demand Savings	58 kW-AC
Estimated Date of Completion	TBD
Site Information/Additional Comments	The Settlement Home for Children serves individuals with histories of severe trauma, abuse, and neglect. They have onsite housing and treatment centers.

**CITY OF AUSTIN – PURCHASING DEPT.
RECOMMENDATION FOR COUNCIL ACTION
VENDOR NAME: DOBLE ENGINEERING COMPANY**

**AGENDA DATE: 03/05/2015
PAGE 1 OF 1**

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SUBJECT: Authorize award, negotiation and execution of a contract with **DOBLE ENGINEERING COMPANY** for the purchase of three-phase relay test sets for Austin Energy in an amount not to exceed \$236,020.

AMOUNT & SOURCE OF FUNDING: Funding is available in the Fiscal Year 2014-2015 Capital Budget of Austin Energy.

FISCAL NOTE: A fiscal note is attached.

PURCHASING: Sole Source.

PRIOR COUNCIL ACTION: N/A

BOARD AND COMMISSION ACTION: February 23, 2015 - To be reviewed by the Electric Utility Commission.

MBE/WBE: This contract will be awarded in compliance with City Code Chapter 2-9D (Minority Owned and Women-Owned Business Enterprise Procurement Program). No subcontracting opportunities were identified; therefore, no goals were established for this solicitation.

FOR MORE INFORMATION CONTACT: Gage Loots, Supervising Senior Buyer, 512-322-6251

This contract is for the purchase of four three-phase relay test sets for Austin Energy. These test units are used in conjunction with relay test software to run automated tests on substation relays by simulating a power system. These units test microprocessor and electro-mechanical relays and they are compatible with all relays used in the Austin Energy power grid system.

The test sets provide protection scheme testing for distribution and transmission systems, end-to-end testing of communication based schemes used on Austin Energy transmission lines and also interface with end-to-end testing on transmission lines that tie to other utilities. This product allows Austin Energy to meet the mandated North American Electric Reliability Corporation guidelines for commissioning and maintenance testing of relaying equipment and schemes that provide transmission and distribution protection and control.

Austin Energy standardized on this relay test set as a result of a competitive solicitation issued in January 2014. Doble Engineering Company is the sole manufacturer of this product. The necessary support services such as annual calibration of the units, and other support and training are only available when the products are purchased directly from Doble Engineering Company.

CITY OF AUSTIN**AGENDA DATE: 3/5/2015****VENDOR NAME: TEXAS ELECTRIC COOPERATIVES****SUBJECT**

Authorize award and execution of a 36-month requirements supply agreement with **TEXAS ELECTRIC COOPERATIVES** to provide pressure treated wood poles for Austin Energy in an amount not to exceed \$3,767,343 with three 12-month extension options in an amount not to exceed \$1,255,781 per extension option, for a total contract amount not to exceed \$7,534,686.

AMOUNT AND SOURCE OF FUNDING

Funding in the amount of \$732,539 is available in the Fiscal Year 2014-2015 Operating Budget of Austin Energy. Funding for the remaining 29 months of the original contract period and extension options are contingent upon available funding in future budgets.

FISCAL NOTE

There is no unanticipated fiscal impact. A fiscal note is not required.

FOR MORE INFORMATION CONTACT

Gabriel Guerrero, Buyer II, (512) 322-6060

PRIOR COUNCIL ACTION**BOARD AND COMMISSION ACTION**

February 23, 2015 - To be reviewed by the Electric Utility Commission.

PURCHASING

(IFB) Lowest bid received.

MBE/WBE

No Goals

This contract will be awarded in compliance with City Code Chapter 2-9D (Minority-Owned and Women-Owned Business Enterprise Procurement Program). No subcontracting opportunities were identified; therefore, no goals were established for this contract.

This contract will provide utility wood poles to support overhead power line conductor cable, fiber optic cable and related equipment such as transformers, street lights and all other associated hardware for the transmission and distribution of electricity. The various sizes of utility poles ranging from 35 to 70 feet are treated with creosote to protect them from rot, fungus and insects. These poles will be used to replenish stock at Austin Energy's Kramer and St. Elmo warehouses for new Capital Improvement Projects as well as to replace existing installed poles as required.

This is a replacement contract which will replace the current contract in March 2015.

MBE/WBE Solicited: 0/0

MBE/WBE Bid: 0/0

CITY OF AUSTIN
AGENDA DATE: 3/5/2015
VENDOR NAME: TEXAS ELECTRIC COOPERATIVES

BID TABULATION

IFB No. GGU0138
Pressure Treated Wood Poles Annual Price Agreement
(18 line items)

VENDOR	Total Annual Cost
Texas Electric Cooperatives Austin, TX	\$1,255,781
Lufkin Creosoting Co Lufkin, TX	\$1,408,304
Thomasson Company Philadelphia, MS	\$1,487,723

A complete bid tabulation is on file in the Purchasing Office and is on the City of Austin, FSD Purchasing Office web site.

PRICE ANALYSIS

- a. Adequate competition.
- b. Forty-two notices were sent. There are no known MBEs or WBEs for this commodity code. Three bids were received.
- c. The pricing offered represents a 9.48% price decrease to the last contract awarded in January of 2012.

APPROVAL JUSTIFICATION

- a. Lowest bid. Texas Electric Cooperatives is the current provider of these goods.
- b. The Purchasing Office concurs with Austin Energy's recommended award.
- c. Advertised on the Internet.