

**CITY OF AUSTIN – PURCHASING DEPT.
RECOMMENDATION FOR COUNCIL ACTION
VENDOR NAME: RADIO FLYERS**

AGENDA DATE: 08/02/2012

SUBJECT: Authorize award and execution of a 12-month requirements service agreement with RADIO FLYERS for the distribution of door hanger delivery services for Austin Energy's Power Saver Programs™ in an estimated amount not to exceed \$66,700, with three 12-month extension options in an estimated amount not to exceed \$66,700 per extension option, for an total estimated contract amount not to exceed \$266,800.

AMOUNT AND SOURCE OF FUNDING: Funding in the amount of \$11,117 is available in the Fiscal Year 2011-2012 Operating Budget of Austin Energy. Funding for the remaining 10 months of the original contract period and extension options is 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: Terry Nicholson, Senior Buyer, 512-322-6586

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on July 16, 2012 and the Resource Management Commission on July 17, 2012.

PURCHASING: Lowest bid meeting specifications of five bids received.

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

The door hanger delivery services will include door-to-door distribution of door hanger sleeves and advertising material to promote Austin Energy's suite of Power Saver™ Programs to residential customers. Approximately 15,000 pieces of literature, printed on recycled-content paper, will be distributed door-to-door on a monthly basis. As many as 180,000 customers could receive literature as part of this program. The number of marketing pieces delivered to a residence is driven by program goals and may vary from month to month.

Austin Energy plans to use the contract to promote the following energy-saving programs:

- Refrigerator/Freezer Recycling – pick up and recycling of old, inefficient refrigerators and freezers, and a \$50 incentive.
- Free Thermostats – free programmable thermostats, including free installation and warranty, as well as water heater timers.
- Free Home Improvements – free weatherization services such as attic insulation, duct repair, and weather stripping to qualifying elderly and low-income families.
- Solar rebates for the installation of residential solar energy systems.

- Home Performance with Energy Star® – rebates for home improvements such as air conditioners, duct repair, attic insulation, solar screens, and radiant barriers to assist customers in reducing their electric consumption.

Door hanger marketing has proven an affective tool in informing customers about energy efficiency rebates and programs while fulfilling Austin Energy's goals of promoting the wise use of energy resources and reducing the demand for electric generation capacity.

MBE/WBE solicited: 5/2

MBE/WBE bid: 0/1

BID TABULATION

IFB TVN0079

Door Hanger Delivery Services

VENDOR
Radio Flyers
Austin, TX

TOTAL BID
\$66,700

Business & Personal Solutions (WBE)
Austin, TX

\$70,000

Odum Group LLC
Austin, TX

\$151,900

Forever Green
Austin, TX

\$284,100

Ace Bookkeeping
Austin, TX

*

* Non-responsive, did not meet minimum experience requirements

A complete bid tabulation is on file in the Purchasing Office and is on the City of Austin, FASD Purchasing Office website.

PRICE ANALYSIS:

- Adequate competition.
- Sixty six notices were sent including five MBEs and two WBEs. Five bids were received including one WBE, with no response from the MBEs.
- The pricing offered represents a 14% increase to the last contract awarded in June of 2009. This increase is due to more stringent uniform and security requirements.

APPROVAL JUSTIFICATION

- Lowest responsive bid. Radio Flyers is not the current provider of these services.
- The Purchasing Office concurs with the Austin Energy's recommended award.
- Advertised on the Internet.

**CITY OF AUSTIN – PURCHASING DEPT.
RECOMMENDATION FOR COUNCIL ACTION
VENDOR NAME: SOLAR COMMUNITY**

AGENDA DATE: 08/16/2012

SUBJECT: Authorize award and execution of a contract with SOLAR COMMUNITY, or one of the other qualified offerors to RFP No. TVN0023, for the installation of a solar photovoltaic system at the Palmer Events Center in an estimated amount not to exceed \$500,114.

AMOUNT & SOURCE OF FUNDING: Funding is available in the Fiscal Year 2011-2012 Capital Budget of Austin Energy.

FISCAL NOTE: A fiscal note is required.

FOR MORE INFORMATION CONTACT: Terry Nicholson, Sr. Buyer/512-322-6586

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on July 16, 2012 and the Resource Management Commission on July 17, 2012.

PURCHASING: Best Evaluated Proposal of nine proposals received.

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

This contract will provide for the turnkey installation of a solar photovoltaic (PV) system at the City of Austin's Palmer Events Center. The installation will include all equipment, labor, design, permits, warranty, installation and all other required resources for site. The project also requires the installation of a monitoring system in the lobby of the Palmer Events Center for public view. The monitoring system will display energy production at 15-minute intervals to monitor performance.

The Palmer Events Center serves as an excellent site for this project as it provides high visibility to those visiting the Center. The electricity generated will offset the operating costs of the Austin Convention Center Department, which is responsible for the management of the facility. Austin Energy (AE) estimates the 232 kilowatt (kW) system will reduce electricity costs at the facility by approximately 302,575 kilowatt hours (kWh) per year, which equates to an annual savings of approximately \$30,680. This savings represents approximately 12% of the Palmer Events Center's energy consumption.

The system will produce enough electricity for 30 average Austin homes for a year and produce an estimated 303 Renewable Energy Credits per year. These savings are equivalent to the planting of 6,602 trees or 330 acres of forest in Austin's parks or the removal of 338,045 vehicle miles or 42 cars from Austin roadways. The project will save 175 tonnes of Carbon Dioxide

(CO₂), 74 pounds of Sulfur Dioxide (SO₂), 372 pounds of Nitrogen Oxide (NO_x), and 485 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.

AE's solar program objectives include the expansion of the number of municipal facilities that have solar PV installations and the continuation of educating community stakeholders about the benefits of clean energy, using the solar installations as a tool for learning. This project will carry out part of AE's 2003 Strategic Plan in promoting energy conservation through the use of alternative energy sources and generating Renewable Energy Credits. The program plan calls for AE to implement a highly visible public awareness and education program involving the installation of PV projects on City facilities such as libraries and community centers.

An AE evaluation team with expertise in this area evaluated the proposals and unanimously chose these proposals as the best to provide these services. Evaluation criteria used to evaluate the proposals included total kW produced based on budget amount, system concept and design, and local business presence.

This request allows for the development of an agreement with a qualified offeror that Council selects. If the City is unsuccessful in negotiating a satisfactory agreement with the selected offeror, negotiations will cease with that provider. Staff will return to Council so that Council may select another qualified offeror and authorize contract negotiations with this provider.

MBE/ WBE Solicited: 5/1

MBE/WBE Bid: 1/0

PRICE ANALYSIS

- a. Adequate competition.
- b. One hundred twenty-one notices were sent including five MBEs and one WBE. Nine proposals were received including one MBE. There was no response from the WBE.

APPROVAL JUSTIFICATION

- a. Best evaluated proposal received.
- b. The Purchasing office concurs with Austin Energy's recommended award.
- c. Advertised on the Internet.

Evaluation Category	Max. Points	Solar Community	Texas Solar Power	Lighthouse Solar	Meridian Solar	SolarCity
Total Kilowatts Proposed (Based on budget amount)	60	Austin, Texas	Austin, Texas	Austin, Texas	Austin, Texas	San Mateo, CA
System Concept and Design Proposed	30					
Local Business Presence	10					
Total	100					

Evaluation Category	Max. Points	Integrity Energy Systems*	Hill Country Ecopower*	American Capital Energy*	Borrego Solar*
Total Kilowatts Proposed (Based on budget amount)	60	Austin, Texas	Austin, Texas	Lowell, MA	Oakland, CA
System Concept and Design Proposed	30				
Local Business Presence	10				
Total	100				

* Non-Responsive, Good faith efforts not submitted for subcontracting proposed

NOTE: As per Section 252.049 of the local government code, contents of a proposal shall remain confidential until a contract is awarded or as directed by the Texas Attorney General's Office. Therefore, the matrix will include points awarded for price but exact pricing will not be disclosed.

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

AGENDA DATE: 8-2-2012

SUBJECT: Approve the issuance of a Letter of Intent for a Performance Based Incentive to HOLT CAT for the generation of solar energy at their facility located at 9601 S. Interstate 35 in Austin, Texas, for an estimated \$44,670 per year with the total amount not to exceed \$446,700 over the 10-year agreement.

AMOUNT & SOURCE OF FUNDING: Funding is contingent upon available funds in future budgets.

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

FOR MORE INFORMATION CONTACT: Fred Yebra, P.E., Acting Vice President, Distributed Energy Services, 482-5305; Leslie Libby, Solar Program Manager, 482-5390.

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on July 16, 2012 and the Resource Management Commission on July 17, 2012.

Austin Energy requests authorization to issue a letter of intent for a Performance Based Incentive (PBI) to HOLT CAT for an estimated \$44,670 per year, not to exceed \$446,700 over the 10-year agreement for the generation of solar energy at 9601 S. Interstate 35, Austin, Texas 78744. The total cost is \$814,469 and the incentive will cover approximately 55% of the cost. The PBI level for this project is \$0.14 per kilowatt hours (kWh) for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 880 solar modules rated at 285 watts and associated inverters rated at 96% efficiency. A total of 193.1 kW in demand savings is expected.

This energy improvement will save an estimated 319,078 kWh per year—enough to provide electricity to 28 average Austin homes for a year—and produce an estimated 319 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 4,922 trees or 246 acres of forest in Austin's parks or the removal of 430,175 vehicle miles or 37 cars from Austin roadways. This project will save 192 tons of Carbon Dioxide (CO₂); 266 pounds of Sulfur Dioxide (SO₂); 294 pounds of Nitrogen Oxide (NOX), and 205 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.



Austin Energy Project Fact Sheet Solar Applications

File Number	PBI036
Customer Name	HOLT CAT
Facility Address	9601 S. INTERSTATE 35 AUSTIN, TX 78744
Customer Contact	ANTHONY SHEDROCK
Phone Number	218-213-2935
Estimated Total Incentives	\$44,670 per year for 10-years
Application Received Date	06/11/2012
Number of Modules	880
Wattage per Module (STC)	285
Inverter Efficiency	96%
Solar Contractor	GRIDPOINT
Contractor Contact	MISTY WHITE
Contractor Phone	512-551-4441
Installation Cost	\$ 814,469
Estimated kWh Savings	319,078 kWh per year
Estimated kW Demand Savings	193.1 kW
Estimated Date of Completion	TBD
Site Information/Additional Comments	HOLT CAT Austin is a Caterpillar dealer for Cat equipment sales, service, parts and rentals. Established in 1933, HOLT CAT sells, services and rents heavy equipment, engines and generators for construction, earth moving, mining, industrial, petroleum and agriculture.

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

AGENDA DATE: 08/02/2012

SUBJECT: Approve issuance of a rebate to Dell Computers, Inc. for the installation of energy efficient equipment in an amount not to exceed \$127,158.

AMOUNT & SOURCE OF FUNDING: Funding is available in the Fiscal Year 2011-2012 Operating Budget of Austin Energy, Conservation Rebates and Incentive Fund.

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

FOR MORE INFORMATION CONTACT: Fred Yebra, P.E., Acting Vice President, Distributed Energy Services, 482-5305; Scott Jarman, P.E., Interim Director, Energy Efficiency Services, 482-5307.

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on July 16, 2012 and the Resource Management Commission on July 17, 2012.

Austin Energy requests authorization to issue a rebate to Dell Computers, Inc. in an amount not to exceed \$127,158 for the installation of Custom Data Center Heating, Ventilation and Air Conditioning (HVAC) retrofits in accordance with the City of Austin's Commercial Rebate Program guidelines. This program is one element of Austin Energy's comprehensive Resource, Generation, Climate Protection Plan to 2020, approved in April 2010 by City Council, designed to reduce local air pollution through energy conservation, to reduce peak demand, and to assist customers in reducing electric consumption.

Dell Computers, Inc. is located at 701 E. Parmer Lane in Austin, Texas. The demand kilowatt (kW) savings associated with this energy efficiency project is estimated at 390.7 kW, at a program cost of \$325.46 per kW saved. The avoided kilowatt hours (kWh), estimated at 3,550,977 kWh per year, represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 2,132.2 metric tons of Carbon Dioxide (CO₂), 1.344 metric tons of Sulfur Dioxide (SO₂), and 1.486 metric tons of Nitrogen Oxides (NO_x).

In addition to the reduced air and toxic metals pollution, the project savings are also equivalent to an estimated 4,787,365 vehicle miles traveled, the removal of 408.5 cars from our roadways, or the planting of 54,778 trees or 2,739 acres of forest in Austin's parks.

RCA PROJECT FACT SHEET

Customer Name: Dell Computers, Inc.

File Number: 9484

Facility Address: 701 E. Parmer Lane in Austin, Texas

Customer Contact: Robert Baird, Senior Program Manager

Phone: 512-917-0458

Estimated Rebate: \$127,157.51

Equipment Installed: Custom Data Center Heating, Ventilation and Air Conditioning (HVAC)

Demand Savings: 390.7 kW

KWh Savings: 3,550,977 kWh

Cost per kW: \$325.46

Estimated Project Cost: \$1.35 Million

Estimated Completion Date: July 2012

Site Information: Dell Computers, Inc. is located at 701 E. Parmer Lane in Austin, Texas.

Comments: Dell Inc. is an American multinational computer technology corporation based in 1 Dell Way, Round Rock, Texas that develops, sells and supports computers and related products and services. Dell Computers, Inc. is upgrading their data center's HVAC systems, including changing from air-cooled chillers to much more efficient water-cooled chillers, and retrofitting older computer room air handlers (CRAH) by replacing inefficient constant volume fans with efficient electronically commutated (EC) plug fans. These new fans also optimize air distribution into the raised floor in order to avoid hot spots.

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

AGENDA DATE: 08/02/2012

SUBJECT: Approve issuance of a rebate to The University of Texas for the installation of energy efficient equipment in an amount not to exceed \$200,000.

AMOUNT & SOURCE OF FUNDING: Funding is available in the Fiscal Year 2011-2012 Operating Budget of Austin Energy, Conservation Rebates and Incentive Fund.

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

FOR MORE INFORMATION CONTACT: Fred Yebra, P.E., Acting Vice President, Distributed Energy Services, 482-5305; Scott Jarman, P.E., Interim Director, Energy Efficiency Services, 482-5307.

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on July 16, 2012 and the Resource Management Commission on July 17, 2012.

Austin Energy requests authorization to issue a rebate to the University of Texas in an amount not to exceed \$200,000 for the installation of multiple technologies including High Efficiency Chillers, Variable Frequency Drives, a Cooling Tower, High Efficiency Lighting, and High Efficiency Motors, in accordance with the City of Austin's Commercial Rebate Program guidelines. This program is one element of Austin Energy's comprehensive Resource, Generation, Climate Protection Plan to 2020, approved in April 2010 by City Council, designed to reduce local air pollution through energy conservation, to reduce peak demand, and to assist customers in reducing electric consumption.

The University of Texas High Performance Computing Center is located at 10100 Burnet Road in North Austin and is part of the 475-acre J.J. Pickle Research Campus. The demand kilowatt (kW) savings associated with the high efficiency equipment installed in this project is estimated at 661.6 kW, at a program cost of \$302.29 per kW saved. The avoided kilowatt hours (kWh), estimated at 2,441,265 kWh per year, represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 1,465.9 metric tons of Carbon Dioxide (CO₂), 0.924 metric tons of Sulfur Dioxide (SO₂), and 1.022 metric tons of Nitrogen Oxides (NO_x).

In addition to the reduced air and toxic metals pollution, the project savings are also equivalent to an estimated 3,291,271 vehicle miles traveled, the removal of 280.8 cars from our roadways, or the planting of 37,659 trees or 1,883 acres of forest in Austin's parks.

RCA PROJECT FACT SHEET

Customer Name: University of Texas
File Number: 10340
Facility Address: 10100 Burnet Road, Austin, Texas
Customer Contact: Ryan Thompson, P.E., C.E.M. - Project Manager
Phone: 512-471-5618

Estimated Rebate: \$200,000.00

Equipment Installed: High Efficiency Chillers, Variable Frequency Drives, Cooling Tower, High Efficiency Lighting and High Efficiency Motors

Demand Savings: 661.6 kW
KWh Savings: 2,441,265 kWh
Cost per kW: \$302.29

Estimated Project Cost: \$56 Million
Estimated Completion Date: July, 2012

Site Information:

The J. J. Pickle Research Campus (PRC) in Austin, Texas, is owned and operated by the University of Texas at Austin. It is located in northwest Austin, approximately nine miles (14 km) north of the main UT campus and just south of the The Domain. The 475 acre (1.9 km²) site is bordered on the north by Braker Lane, on the west by US 183, and on the east by Burnet Road / FM 1325.

Comments:

The Pickle Research Campus is not a full college campus: there are no dormitories, and most classes held there are for working professional programs (such as the Executive Masters program). Other than normal campus operations and a cafeteria / conference center, it is strictly a research facility. Due to the sensitive nature of some of the research being done at the PRC, it is also a closed campus. On a normal weekday, access to the campus is restricted to University students, faculty, and staff with parking permits, as well as expected guests. After hours or on weekends, access is restricted to approved personnel only. Today, the campus houses approximately 100 buildings. Many of the campus's original 29 buildings, most of which were built in the early 1940s, are still in use today. The Pickle Research Campus is home to the following research departments: Applied Research Laboratories, Bureau of Economic Geology, Texas Advanced Computing Center, Nuclear Engineering Teaching Lab, Center for Aeromechanics Research, Electrical Engineering Research Laboratory (EERL), Microelectronics and Computer Technology Corporation (MCC), Center for Electromechanics (CEM), Center for Energy and Environmental Resources (CEER), Microelectronics Research Center (MRC) and The Texas Archeological Research Laboratory (TARL).

J.J. Pickle Research Center is renovating and expanding their High Performance Computing Facility, part of the Texas Advanced Computing Center. Within the scope of this project they are replacing air-cooled chillers with water-cooled chillers, VFDs on chilled and condenser water pumps, and cooling tower fans as well as installing a new in-row cooling system that reduces fan energy by only cooling areas that need to be cooled.

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

AGENDA DATE: 08/02/2012

SUBJECT: Approve issuance of a rebate to Lakeway Regional Medical Center, LLC for the installation of energy efficient equipment in an amount not to exceed \$200,000.

AMOUNT & SOURCE OF FUNDING: Funding is available in the Fiscal Year 2011-2012 Operating Budget of Austin Energy, Conservation Rebates and Incentive Fund.

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

FOR MORE INFORMATION CONTACT: Fred Yebra, P.E., Acting Vice President, Distributed Energy Services, 482-5305; Scott Jarman, P.E., Interim Director, Energy Efficiency Services, 482-5307.

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on July 16, 2012 and the Resource Management Commission on July 17, 2012.

Austin Energy requests authorization to issue a rebate to Lakeway Regional Medical Center, LLC in an amount not to exceed \$200,000 for the installation of High Efficiency Lighting (on-peak and off-peak), High Efficiency Chillers, Cooling Towers, High Efficiency Motors, Variable Frequency Drives, Custom Heat Pump Chiller and Commercial Kitchen Equipment in accordance with the City of Austin's Commercial Rebate Program guidelines. This program is one element of Austin Energy's comprehensive Resource, Generation, Climate Protection Plan to 2020, approved in April 2010 by City Council, designed to reduce local air pollution through energy conservation, to reduce peak demand, and to assist customers in reducing electric consumption.

The Lakeway Regional Medical Center is located at 100 Medical Parkway in Lakeway, Texas. The demand kilowatt (kW) savings associated with the high efficiency equipment installed in this project is estimated at 734.77 kW, at a program cost of \$272.19 per kW saved. The avoided kilowatt hours (kWh), estimated at 5,234,757 kWh per year, represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 3,143.3 metric tons of Carbon Dioxide (CO₂), 1.981 metric tons of Sulfur Dioxide (SO₂), and 2.191 metric tons of Nitrogen Oxides (NO_x).

In addition to the reduced air and toxic metals pollution, the project savings are also equivalent to an estimated 7,057,408 vehicle miles traveled, the removal of 602.2 cars from our roadways, or the planting of 80,752 trees or 4,038 acres of forest in Austin's parks.

RCA PROJECT FACT SHEET

Customer Name: Lakeway Regional Medical Center, LLC
 File Number: 11985
 Facility Address: 100 Medical Parkway, Lakeway, Texas 78734

Customer Contact: David J. Kreye, CEO
 Phone: 512-571-5140

Estimated Rebate: \$200,000.00
 Equipment Installed: High Efficiency Lighting (on-peak and off-peak), High Efficiency Chillers, Cooling Towers, High Efficiency Motors, Variable Frequency Drives, Custom Heat Pump Chiller and Commercial Kitchen Equipment

Demand Savings: 734.77 kW
 KWh Savings: 5,234,757 kWh
 Cost per kW: \$272.19
 Estimated Project Cost: \$206 Million
 Estimated Completion Date: Spring 2012

Site Information: Lakeway Regional Medical Center, LLC is located at 100 Medical Parkway in Lakeway, Texas. The Medical Center will be on Ranch Road 620, just 20 minutes from downtown Austin and convenient to several communities west of Austin. The Medical Center has plans to expand in at least three phases. The full service, Level 3 trauma hospital is the anchor to a 54-acre campus that is to have several medical office buildings, selected retail space for businesses such as pharmacies and medical supply stores, hotel and restaurant space, and a daycare.

Comments: Lakeway Regional Medical Center, LLC opened in the spring of 2012 with 106 beds and 125+ physicians. The 275,000-square-foot, nine-story hospital is scheduled to offer a range of services including cardio pulmonary, cardiothoracic surgery, critical care/ICU, diagnostic cardiology, diagnostic radiology, emergency medicine, gastrointestinal services, general surgery and gynecology. It also will provide internal medicine, interventional cardiology and interventional radiology.

LRMC also will offer nuclear medicine, obstetrics and delivery, occupational therapy, pain management, pediatric ICU, pediatrics, physical therapy/sports medicine, pulmonary medicine, Lakeway Regional Medical Center also will open alongside a 54,000-square-foot medical office building and an eight-story parking garage with 575 spaces. The \$206 million privately owned hospital, which had been in the planning stage for a few years, will serve an area of about 100,000 people from Ranch-to-Market Road 2222 to the north, Loop 360 to the east, Dripping Springs to the south, and past Spicewood to the west. LRMC is taking advantage of the New Construction rebates offered by Austin Energy's Commercial Energy Efficiency Program.

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

AGENDA DATE: 08/02/2012

SUBJECT: Approve issuance of a rebate to Samsung Semiconductor, LLC for the installation of energy efficient equipment in an amount not to exceed \$154,848.

AMOUNT & SOURCE OF FUNDING: Funding is available in the Fiscal Year 2011-2012 Operating Budget of Austin Energy, Conservation Rebates and Incentive Fund.

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

FOR MORE INFORMATION CONTACT: Fred Yebra, P.E., Acting Vice President, Distributed Energy Services, 482-5305; Scott Jarman, P.E., Interim Director, Energy Efficiency Services, 482-5307.

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on July 16, 2012 and by the Resource Management Commission on July 17, 2012.

Austin Energy requests authorization to issue a rebate to Samsung Semiconductor, LLC in an amount not to exceed \$154,848 for the installation of multiple technologies including High Efficiency Chillers, Variable Frequency Drives, a Cooling Tower, Uninterruptible Power Supply, Dynamic Sag Correction, High Efficiency Motors and Transformers, in accordance with the City of Austin's Commercial Rebate Program guidelines. This program is one element of Austin Energy's comprehensive Resource, Generation, Climate Protection Plan to 2020, approved in April 2010 by City Council, designed to reduce local air pollution through energy conservation, to reduce peak demand, and to assist customers in reducing electric consumption.

Samsung Semiconductor is located at 12100 Samsung Blvd. in Northeast Austin. This location houses a 2.3 million-square-foot semiconductor complex. The demand kilowatt (kW) savings associated with the high efficiency equipment installed in this project is estimated at 454.79 kW, at a program cost of \$340.48 per kilowatt saved. The avoided kilowatt hours (kWh), estimated at 2,731,474 kWh per year, represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 1,610.6 metric tons of Carbon Dioxide (CO₂), 1.015 metric tons of Sulfur Dioxide (SO₂), and 1.123 metric tons of Nitrogen Oxides (NO_x).

In addition to the reduced air and toxic metals pollution, the project savings are also equivalent to an estimated 3,616,058 vehicle miles traveled, the removal of 308.5 cars from our roadways, or the planting of 41,376 trees or 2,069 acres of forest in Austin's parks.

RCA PROJECT FACT SHEET

Customer Name: Samsung Semiconductor, LLC

File Number: 4176

Facility Address: 12100 Samsung Boulevard

Customer Contact: Jung Kim

Phone: 512-672-3511

Estimated Rebate: \$154,847.53

Equipment Installed: High efficiency chillers, cooling towers, transformers, uninterruptible power supplies, dynamic sag correctors, NEMA premium motors, & VFDs

Demand Savings: 454.79 kW

KWh Savings: 2,731,474 kWh

Cost per kW: \$340.48

Estimated Project Cost: \$140 Million

Estimated Completion Date: July 2012

Site Information: Samsung Semiconductor is located at 12100 Samsung Blvd. in northeast Austin. At this location is a 2.3-million-square-foot semiconductor complex.

Comments: Samsung Austin Semiconductor LLC realized it needed to expand its logic chip manufacturing capacity in a short period of time, and there existed an opportunity to expand its existing facilities in Austin. Last year they completed the SATURN project using 150,000 square feet of space that was empty and available for expansion. The current project, ATLAS, involves repurposing an additional 80,000 square feet of the existing facility that was not originally planned or designed for chip manufacturing into clean room manufacturing space.

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

AGENDA DATE: 08/02/2012

SUBJECT: Approve issuance of a rebate to the U.S. General Services Administration for the installation of energy efficient equipment in an amount not to exceed \$109,851.

AMOUNT & SOURCE OF FUNDING: Funding is available in the Fiscal Year 2011-2012 Operating Budget of Austin Energy, Conservation Rebates and Incentive Fund.

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

FOR MORE INFORMATION CONTACT: Fred Yebra, P.E., Acting Vice President, Distributed Energy Services, 482-5305; Scott Jarman, P.E., Interim Director, Energy Efficiency Services, 482-5307.

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on July 16, 2012 and by the Resource Management Commission on July 17, 2012.

Austin Energy requests authorization to issue a rebate to U.S. General Services Administration in an amount not to exceed \$109,851 for the installation of a Thermal Energy Storage System and associated Variable Frequency Drives on pump motors in accordance with the City of Austin's Commercial Rebate Program guidelines. This program is one element of Austin Energy's comprehensive Resource, Generation, Climate Protection Plan to 2020, approved in April 2010 by City Council, designed to reduce local air pollution through energy conservation, to reduce peak demand, and to assist customers in reducing electric consumption.

This equipment was installed at the U.S. Department of Veterans Affairs' Data Center which houses the Austin Automation Center and the Corporate Data Center Operations and is located in South Austin at 1515 Woodward Street. The demand kilowatt (kW) savings associated with the high efficiency equipment installed in this project is estimated at 533.5 kW, at a program cost of \$205.90 per kW saved. The avoided kilowatt hours (kWh), estimated at 95,249.22 kWh per year, represents a major benefit to the local environment. This project will prevent the following air pollutants from being emitted: 57.2 metric tons of Carbon Dioxide (CO₂), 0.036 metric tons of Sulfur Dioxide (SO₂), and 0.040 metric tons of Nitrogen Oxides (NO_x).

In addition to the reduced air and toxic metals pollution, the project savings are also equivalent to an estimated 128,413 vehicle miles traveled, the removal of 11 cars from our roadways, or the planting of 1,469 trees or 73 acres of forest in Austin's parks.

RCA PROJECT FACT SHEET

Customer Name: US General Services Administration

File Number: 1338

Facility Address: 1515 Woodward Street, Austin, Texas

Customer Contact: Mark Trimarchi, P.E., C.E.M.

Phone: 817-978-2553

Estimated Rebate: \$109,850.01

Equipment Installed: Thermal Energy Storage system and associated Variable Frequency Drives

Demand Savings: 533.5 kW

KWh Savings: 95,249.22 kWh

Cost per kW: \$205.90

Estimated Project Cost: \$8.25 Million

Estimated Completion Date: September 2012

Site Information: The US Department of Veteran Affairs' Data Center houses the Austin Automation Center and the Corporate Data Center Operations (CDCO) and is located in south Austin at 1515 Woodward Street in Austin, Texas

Comments: Corporate Data Center Operations (CDCO) provides federal agencies with a complete suite of secure IT data center services for applications ranging from routine to mission critical support. These IT services include Service planning / architecture, Security Services, Service Management, Hosting / Monitoring, Business Continuity / Recovery, Application Management, Managed Hosting Services, and the complete suite of IT labor specialists for management of federal systems. GSA is adding Thermal Energy Storage to its Chillers in order to shift its peak chiller demand to the off-peak time. The agency is also adding Variable Frequency Drives to their pumps.

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

AGENDA DATE: 08/02/12

SUBJECT: Approve a one-year membership in the AMERICAN PUBLIC POWER ASSOCIATION, Washington, D.C., the nonprofit, non-partisan, service organization for the nation's community-owned electric utilities including Austin Energy, in an amount not to exceed \$95,540.

AMOUNT AND SOURCE OF FUNDING: Funding is available in the Fiscal Year 2011-2012 Operating Budget of Austin Energy.

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

FOR MORE INFORMATION CONTACT: Mark Dreyfus, Director, Regulatory and Government Affairs, 322-6544.

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on July 16, 2012.

Austin Energy is seeking Council approval to pay its annual membership dues in The American Public Power Association (APPA), based in Washington, D.C. APPA is the service organization for the nation's community-owned electric utilities, including long-standing member Austin Energy, the eighth largest public power utility in the country. Collectively, APPA's more than 1,300 member utilities serve more than 40 million Americans. APPA was created in 1940 as a nonprofit, non-partisan organization to advance the public policy interests of its members and their consumers, and provide member services to ensure adequate, reliable electricity at a reasonable price with the proper protection of the environment.

Policy positions emphasize the importance of hometown decision making that puts customers first and ensures a stable supply of electricity while protecting the environment. Since two-thirds of public power systems do not generate their own electricity and instead buy it on the wholesale market for distribution to customers, securing competitively priced and reliable wholesale power is a priority.

APPA participates in a wide range of legislative and regulatory forums. It advocates policies that:

- ensure reliable electricity service at competitive costs;
- advance diversity and equity in the electric utility industry;
- promote effective competition in the wholesale electricity marketplace;
- protect the environment and the health and safety of electricity consumers and;
- safeguard the ability of communities to provide infrastructure services that their consumers require.

Member utilities also take advantage of APPA's information services, utility programs, and professional development opportunities. For example, the APPA's Reliable Public Power

Provider (RP3) program recognizes public power utilities that demonstrate better-than-average proficiency in four key areas of operations: reliability, safety, system improvements, and workforce development. Criteria within each category are based on best business practices and a demonstrated utility-wide commitment to the safe and reliable delivery of electricity. In 2011, Austin Energy was the first public power utility in Texas and one of only three utilities nationwide to earn RP3 Diamond Level recognition by the APPA. This is the highest level of recognition awarded to public utilities for excellence in system reliability and safety.

draft

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

AGENDA DATE: 08/02/2012

SUBJECT: Approve an ordinance amending the Fiscal Year 2011-2012 Austin Energy Operating Budget of Ordinance No. 20110912-005 to increase the Austin Energy Strategic Reserve Fund total requirements by \$25,000,000 and increase the Operating Budget Transfers In by the same amount in order to increase the Operating Fund cash balance to fund day to day operations and maintenance activities.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$25,000,000 is available in the Fiscal Year 2011-2012 Strategic Reserve Fund Contingency Reserve portion of Austin Energy.

FISCAL NOTE: A fiscal note is required.

PRIOR COUNCIL ACTION: September 12, 2011 – Approved Ordinance 20110912-005.

FOR MORE INFORMATION CONTACT: Ann Little, Sr. Vice President, Finance and Corporate Services 322-6148.

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on July 16, 2012.

Austin Energy's budgets for the past three years were not structurally balanced, that is, available funds were not sufficient to cover requirements. The current FY 2011-12 Budget continues that trend with a deficiency of \$77.6 million. Although significant cost reductions have been made over the past several years, operating reserves have been drawn down to fund ongoing operations. Operating funds have gone from over \$225 million in late 2009 to less than \$35 million currently. Austin Energy will receive a rate increase effective in October 2012 to help recover the utility's revenue requirements but a transfer of funds is necessary from the Strategic Reserve Fund, Contingency Reserve portion, to maintain compliance with Financial Policy # 11 (stating that Austin Energy shall maintain operating cash equivalent to 45 days of budgeted operations and maintenance expense, less fuel) and to help Austin Energy fund day-to-day operations until the impact of the rate increase can sustain day-to-day operations.

ORDINANCE NO.**AN ORDINANCE AMENDING THE FY 2011-2012 OPERATING BUDGET FOR AUSTIN ENERGY, ORDINANCE NO. 20110912-005 TO INCREASE REQUIREMENTS AND APPROPRIATIONS****BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF AUSTIN:**

PART 1. The Council amends the Fiscal Year 2011-2012 Austin Energy Operating Budget of Ordinance 20110912-005 to increase the Requirements of the Strategic Reserve Fund by \$25,000,000 and increase the Transfers In to the Austin Energy Operating Budget by \$25,000,000 in order to increase the ending fund balance.

PART 2. This ordinance takes effect on August 13, 2012,

PASSED AND APPROVED

_____, 2012 §
 §
 § _____
 Lee Leffingwell
 Mayor

APPROVED: _____

Karen Kennard
City Attorney

ATTEST: _____

Shirley A. Gentry
City Clerk

**CITY OF AUSTIN – PURCHASING DEPT.
RECOMMENDATION FOR COUNCIL ACTION
VENDOR NAME: AAR INC & SISK-ROBB INC**

AGENDA DATE: 08/16/2012

SUBJECT: Authorize award, negotiation, and execution of a 60-month requirements service contract with AAR INC. and SISK-ROBB INC. or one of the other qualified offerors to RFP No. DKC0040, to provide asbestos, lead, and mold abatement services for Austin Energy and the Public Works Department, in an estimated amount not to exceed \$9,500,000.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$58,333 is available in the Fiscal Year 2011-2012 Operating Budget of Austin Energy and funding in the amount of \$100,000 is available in the Fiscal Year 2011-2012 Operating Budget of Public Works. Funding for the remaining 59 months of the original contract period is contingent upon available funding in future budgets.

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

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on July 16, 2012.

PURCHASING: Best evaluated two proposals of four proposals received.

MBE/WBE: This contract will be awarded in compliance with Chapter 2-9C of the City Code (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: Dolores Castillo, Sr. Buyer/322-6466

These contracts will provide asbestos, lead paint, and mold abatement services for Austin Energy (AE) and the Public Works Department (PWD). AE requires these abatement services at its industrial facilities such as the Decker Creek Power Station and Kramer Lane Service Centers. AE will utilize the contract to remove asbestos and lead paint containing materials to facilitate maintenance activities and for the removal of mold for the health and safety of City employees. Accidental disturbance of these materials makes it necessary to quickly obtain services of an abatement contractor to cleanup contaminated areas.

The PWD requires this contract for the remediation and abatement of asbestos and lead containing materials and mold contamination in support of the city wide asbestos, lead and mold management program for all City owned and leased facilities. It is necessary to perform the timely removal of asbestos and lead containing paint materials and mold contamination that may be disturbed during planned operations and maintenance, renovation, remodeling, and demolition projects and to facilitate the safe occupation and regular maintenance of City facilities. In addition, this service contract will allow for an effective response to accidental unplanned disturbances of asbestos, lead containing paint or mold contamination, and to conform to Texas

State Law and the Texas Department of State Health Services. Disturbance of asbestos, lead paint and mold containing materials is regulated by the Texas Department of State Health Services and removal activities must be performed by a State of Texas licensed abatement contractor.

Work under this contract will include items such as the removal of asbestos containing floor tile and mastic, the abatement of asbestos containing insulation from vessels, boilers, piping, valves, flanges and other appurtenant equipment of electric generating units, and the removal of lead based paint and/or mold from historic buildings, or occupied City facilities.

Each individual project for both AE and PWD will be awarded among these two suppliers based on established contract rates. Both suppliers will submit a response to individual projects as they come up and the project will be awarded to the supplier with the lowest cost who is available for work during the require schedule.

A City of Austin team with expertise in this area evaluated the proposals and unanimously chose these proposals as the best to provide these services. Evaluation criteria included costs, sample work scopes, personnel qualifications, experience, operational programs, local business presence, and organization and management practices for the three types of abatement work.

This request allows for the development of an agreement with a qualified offeror that Council selects. If the City is unsuccessful in negotiating a satisfactory agreement with the selected offeror, negotiations will cease with that provider. Staff will return to Council so that Council may select another qualified offeror and authorize contract negotiations with this provider.

MBE/WBE solicited: 4/3

MBE/WBE bid: 0/0

PRICE ANALYSIS

- a. Adequate competition.
- b. One hundred notices were sent including four MBE's and three WBE's. Four proposals were received with no response from the MBE/WBE's.

APPROVAL JUSTIFICATION

- a. Best evaluated proposals. AAR Inc and Sisk-Robb are the current contractors providing this service.
- b. The Purchasing Office concurs with Austin Energy's recommended award.
- c. Advertised on the Internet.

**EVALUATION MATRIX
FOR
Abatement Services for Asbestos, Lead, & Mold
RFP DKC0040**

Evaluation Category		SISK-ROBB INC LEANDER, TX	AAR INC LIBERTY HILL, TX	BLDG. ABATEMENT DEMOLITION CO. INC. LIBERTY HILL, TX	ROBLES SRV GROUP CIBOLO, TX
Costs Proposer with lowest cost to the City given maximum number of points, remainder given on a percentage ratio basis	15 pts	5	8	15	6
Sys Concept & Solutions Proposed 1. Work plan for both AE & PW to include: <ul style="list-style-type: none"> • Regulated or contained area • Sequencing of work • Interface of trades involved in perf of work • Methods to be used to assure safety of bldg occupants & visitors • Design of decontamination unit • # of negative air machines • Bag-out procedures • Disposal plan including location of approved disposal site • Expand on use of portable HEPA ventilation system • Closing out the area HVAC sys • Expand on method of removal used to prohibit visible emissions in work area and • Pkging & handling of removed asbestos debris • Describe type of respiratory protection & other equip to be used • Provide historic air borne fiber data 	30 pts	18	16	8	7

**EVALUATION MATRIX
FOR
Abatement Services for Asbestos, Lead, & Mold
RFP DKC0040**

Demonstrated applicable Asbestos, lead & mold abatement project experience <ul style="list-style-type: none"> • Within past 10 years expand on designing, managing & completion • Must be documented & verifiable with a brief synopsis including description, type, quantities, dollar amount completion dates & special complications encountered & handled <p>AE –</p> <ul style="list-style-type: none"> • Power plants – asbestos • Petroleum/chemical plant – asbestos • Mold remediation work in office space <p>PW –</p> <ul style="list-style-type: none"> • O&M & small scale short duration projects • Asbestos & lead abatement projects in office buildings • Mold remediation work in office spaces 	20 Pts	18	17	5	8
OPERATIONAL PROGRAMS <ul style="list-style-type: none"> • Description of work program by tasks • Detailed description of employee training * SOP • Detailed description of Medical Surveillance Program including RRP and fit test methodologies • Detailed description of safety program 	15 Pts	12	11	8	7
Evidence of Good Org & Mgt Practices <ul style="list-style-type: none"> • ID leadership reporting responsibilities, how supervisors will interface with Consultant's and City Staff • How subcontractors (if any) will fit within work plan & mgt structure • Org chart 	10 Pts	10	9	5	5
Personnel Qualifications	10 Pts	9	8	6	5
Local Business Presence	10 Pts	0	0	0	0
TOTAL		72	69	47	38

NOTE: As per Section 252.049 of the local government code, contents of a proposal shall remain confidential until a contract is awarded or as directed by the Texas Attorney General's Office. Therefore, the matrix will include points awarded for price but exact pricing will not be disclosed.

**CITY OF AUSTIN – PURCHASING DEPT.
RECOMMENDATION FOR COUNCIL ACTION:
VENDOR NAME: FOREVER GREEN**

AGENDA DATE: 8/2/2012

SUBJECT: Authorize award and execution of a 12-month requirements service agreement with FOREVER GREEN to provide landscaping services at the Combined Transportation, Emergency, and Communications Center (CTECC) facility in an estimated amount not to exceed \$19,240, with four 12-month extension options in an estimated amount not to exceed \$19,240 per extension option, for a total estimated contract amount not to exceed \$96,200.

AMOUNT AND SOURCE OF FUNDING: Funding in the amount of \$3,207 is available in the Fiscal Year 2012-2013 Operating Budget of Austin Energy. Funding for the remaining 10 months of the original contract period and extension options is 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: Terry Nicholson, Senior Buyer, 512-965-6231

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on July 16, 2012.

PURCHASING: Best evaluated bid of two bids received.

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

This service agreement will provide labor, equipment and supervision for the performance of grounds maintenance, mowing, landscaping and sprinkler maintenance and repair services at the Combined Transportation, Emergency, and Communications Center (CTECC). The contract will provide a consistent standard for landscaping and grounds maintenance to ensure appropriate landscape management and lawn care. The Contractor will be also responsible for maintaining all equipment necessary for proper maintenance of this location. The Contractor's employees will be required to successfully pass the CTECC security screening process before they may work at this location.

The City intends to reduce emissions by promoting the use of cleaner-burning, reduced-emissions powered equipment on contracts for these types of services. The Austin Climate Protection Program staff has provided guidelines for emissions reduction, which were included in this solicitation. As part of the City's Responsible (Green) Purchasing Program, and in order to determine the best value to the City, bid evaluation criteria includes cost, a list of alternative fuel equipment that will be used on City property, and documented knowledge of landscaping best practices that reduce green-house gas emissions and water use. Additionally, this contract

represents an implementation of landscaping best practices and a scope of work ensuring that hazardous chemicals are avoided and not allowed to pollute the City's waterways and watershed.

As specified in the Interdepartmental Service Agreement dated 1/1/03 and amended 5/7/08, between Austin Energy (AE) and City of Austin (COA) Communications and Technology Management (CTM), acting on behalf of CTECC, AE is responsible for providing all Facility Maintenance Services for CTECC facility. AE provides internal labor and manages contractors then bills CTM for the services. CTM bills other owners according to their share of ownership as outlined in the Interlocal Agreement dated 8/14/01 between the City of Austin, the Texas Department of Transportation, the Travis County Sheriff's Office and the Capital Metropolitan Transportation Authority which defines CTECC as a jointly-owned facility: COA 80%; Travis County 20%

This request allows for the execution of a contract with a bidder, who provides the best value to the City, that Council selects. If this bidder does not execute a contract with the City, staff will return to Council so that Council may select another best value bidder and authorize a contract with this bidder.

MBE/WBE solicited: 20/16

MBE/WBE bid: 1/0

BID TABULATION

IFB-BV No. KDW0071 - Landscaping Services at CTECC Facility

<u>Vendor</u>	<u>Total Bid-Annual Service</u>
Forever Green Austin, TX	\$19,240.00
Maldonado Nursery & Landscaping, Inc. (MBE) Austin, TX	\$21,774.36

A best value invitation for bid process was used for this solicitation. An Austin Energy team with expertise in landscaping and grounds keeping including sustainability evaluated the bids for the best value to the City. Evaluation criteria included experience, equipment, sustainable business practices and total evaluated cost. A bid tabulation is on file in the Purchasing Office and is on the City of Austin, FASD Purchasing Office website.

PRICE ANALYSIS:

- Adequate competition.
- Two hundred and two notices were sent including 20 MBEs and 16 WBEs. Two bids were received including one MBE, with no response from the WBEs.
- The pricing offered represents a 13% decrease from previous contract awarded in April 2006. The decrease is due to the competitive process used.

APPROVAL JUSTIFICATION

- Best evaluated bid received. Forever Green is not the current provider of this service.
- The Purchasing Office concurs with Austin Energy's recommended award.
- Advertised on the Internet.

EVALUATION FACTORS FOR: IFBBV KDW0071 – Landscaping Services at CTECC Facility

EVALUATION CRITERIA		Total Points	Forever Green Austin, TX	Maldonado Nursery & Landscaping Austin, TX
1	Total Evaluated Cost	55	55	49
2	EQUIPMENT: Tier One: 16- 20 Points: Please list equipment, if contract is awarded, that will be onsite for the first day of the contract. All equipment must meet alternative fuel or the low-emissions requirements ON DAY ONE of the contract to be considered for this tier. Tier Two: 11-15 Points: Please list equipment that will be phased-in over the first four (4) months of the contract. All equipment must meet the alternative fuel or low-emissions requirements WITHIN FOUR (4) MONTHS of the beginning of this contract to be considered for this tier. Tier Three: Up to 10 Points: Please list equipment that will be phased-in over the first twelve (12) months of the contract. All equipment must meet alternative fuel or the low-emissions requirements WITHIN TWELVE (12) MONTHS of the beginning of this contract to be considered for this tier. In order to be considered for award, all bidders MUST comply with the City's requirement to provide landscaping services WITHOUT the use of GASOLINE mowers within twelve months of the beginning of this contract.	20	17	19
3	PERSONNEL EXPERIENCE, INDUSTRY MEMBERSHIPS & PROFESSIONAL CERTIFICATIONS: Tier One: 8-15 Points: List experience, memberships, and certifications currently held by owners or staff. To be considered for this tier, bidders must CURRENTLY possess the certifications, memberships, or training experience listed. Tier Two: Up to 7 Points: Please list additional training, industry memberships, and professional certifications that WILL BE obtained WITHIN the first 12-months of the beginning of the contract.	15	12	15
4	LOCAL BUSINESS PRESENCE:	10	0	0
GRAND TOTAL SCORE		100	84	82

NOTE: As per Section 252.049 of the local government code, contents of a proposal shall remain confidential until a contract is awarded or as directed by the Texas Attorney General's Office. Therefore, the matrix will include points awarded for price but exact pricing will not be disclosed.

**CITY OF AUSTIN – PURCHASING DEPT.
RECOMMENDATION FOR COUNCIL ACTION
VENDORS NAMES: SIEMENS ENERGY; MECHANICAL DYNAMICS & ANALYSIS**

AGENDA DATE: 08/16/2012

SUBJECT: Authorize award, negotiation, and execution of a 24-month requirements service contract with SIEMENS ENERGY INC. and MECHANICAL DYNAMICS & ANALYSIS INC., or one of the other qualified offerors to RFP No. DKC0035, for maintenance and repair services for steam turbines and generators at Austin Energy's power plants in an estimated amount not to exceed \$13,000,000 each and combined with four 12-month extension options in an estimated amount not to exceed \$5,000,000 each and combined for the first three extension options, and \$2,000,000 each and combined for the final option, for a total estimated contract amount not to exceed \$30,000,000 each and combined.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$541,667 is available in the Fiscal Year 2011-2012 Operating Budget of Austin Energy. Funding for the remaining 23 months of the initial contract period and extensions is contingent upon available funding in future budgets.

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

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on July 16, 2012.

FOR MORE INFORMATION CONTACT: Dolores Castillo, Sr. Buyer/322-6466

PURCHASING: Best evaluated two proposals of nine proposals received.

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

This request is for spending authority only up to the specified amount and money will only be spent as needed under a contract to provide specialized maintenance services for inspections, repairs, modifications, upgrades and testing for steam turbines and the associated hydrogen cooled generators in use at Austin Energy's Decker Creek Power Station and Sand Hill Energy Center. Equipment covered by this agreement include Decker units 1 and 2 steam turbines and associated electric generators, Decker units 1 and 2 boiler feed pump turbines, and Sand Hill Unit 5C steam turbine and associated electric generator. These services include both planned maintenance and unscheduled emergency maintenance. These contractors will furnish the labor and supervision, equipment, tools, parts and supplies necessary to support maintenance and overhaul work on steam turbines and generators. Having two qualified contractors will help to assure timely response and additional expertise. Contractors will submit a work plan, schedule and pricing, for individual projects, and the Contractor offering the best value to the City will be

awarded the work for that project. The spending authority for the initial contract period is higher than the remaining periods because it includes funding for several planned maintenance projects.

An Austin Energy evaluation team with expertise in this area evaluated the proposals and unanimously chose these proposals as the best to provide these services. Evaluation criteria used to evaluate the proposals included parts availability, schedule, experience and cost for sample work scopes.

This request allows for the development of an agreement with a qualified offeror that Council selects. If the City is unsuccessful in negotiating a satisfactory agreement with the selected offeror, negotiations will cease with that provider. Staff will return to Council so that Council may select another qualified offeror and authorize contract negotiations with this provider.

MBE/WBE solicited: 0/0

MBE/WBE bid: 0/0

PRICE ANALYSIS

- a. Adequate competition.
- b. Forty-eight notices were sent. Nine proposals were received. There are no known MBE/WBEs for this commodity.

APPROVAL JUSTIFICATION

- a. Best evaluated proposals. Siemens Energy Inc. and Mechanical Dynamics & Analysis Inc. are current contractors who provide this service.
- b. The Purchasing Office concurs with Austin Energy's recommended award.
- c. Advertised on the Internet.

EVALUATION MATRIX
Steam Turbine / Generator Maintenance Service Agreement
RFP DKC0035

Evaluation Category		SIEMENS	MDA LTD	HPI LLC	WOOD GROUP	NAES
		HOUSTON TX	LATHAM NY	HOUSTON TX	ALPHARETTA GA	HOUSTON TX
Costs	30 pts	13	16	27	18	29
<ul style="list-style-type: none"> Proposer with lowest cost to the City given maximum number of points, remainder given on a percentage ratio basis 						
Org Experience	20 pts	18	17	10	12	9
<ul style="list-style-type: none"> 10 yrs corporate exp. 5 references List maint srvs provided on industrial steam turbines past 10 yrs 						
Personnel Quals.	20 Pts	17	15	9	11	8
<ul style="list-style-type: none"> Proj Mgr -5 yrs exp Field Tech & supervisor – 5 yrs exp Sch / planner – 3 yrs 						
Access & availability to provide multiple OEM parts:	20 Pts	19	16	6	10	6
<ul style="list-style-type: none"> Siemens Pratt GE 						
Ability & capacity to meet schedule	10 Pts	9	8	7	8	3
<ul style="list-style-type: none"> 6 week overhaul 10 week overhaul 						
TOTAL		76	72	59	59	55

EUC Agenda Item 16

Evaluation Category		ST COTTER	TURBINE DIAGNOSTIC SERV	MITSUBISHI	POWER PLANT FIELD
		CLEARWATER MN	ODESSA FL	ORLANDO FL	BALL GROUND GA
Costs	30 pts	30	17	9	24
<ul style="list-style-type: none"> Proposer with lowest cost to the City given maximum number of points, remainder given on a percentage ratio basis 					
Org Experience	20 pts	7	5	9	4
<ul style="list-style-type: none"> 10 yrs corporate exp. 5 references List maint srvs provided on industrial steam turbines past 10 yrs 					

EVALUATION MATRIX
Steam Turbine / Generator Maintenance Service Agreement
RFP DKC0035

Personnel Quals. <ul style="list-style-type: none"> • Proj Mgr -5 yrs exp • Field Tech & supervisor – 5 yrs exp • Sch / planner – 3 yrs 	20 Pts	8	6	8	5
Access & availability to provide multiple OEM parts: <ul style="list-style-type: none"> • Siemens • Pratt • GE 	20 Pts	5	4	7	0
Ability & capacity to meet schedule <ul style="list-style-type: none"> • 6 week overhaul • 10 week overhaul 	10 Pts	3	5	4	4
TOTAL		53	37	37	37

NOTE: As per Section 252.049 of the local government code, contents of a proposal shall remain confidential until a contract is awarded or as directed by the Texas Attorney General's Office. Therefore, the matrix will include points awarded for price but exact pricing will not be disclosed.

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

AGENDA DATE: 08-16-2012

SUBJECT: Authorize the negotiation and execution of all documents and instruments necessary or desirable for the fee simple acquisition of a 5.545-acre tract of land out of the 114.545 acres of land in the Santiago Del Valle Grant in Travis County, Texas, located on Bradshaw Road in Southeast Austin, from Legend's Way Development Company, a Texas General Partnership, for the purpose of constructing a new substation to serve a growing service area, in an amount not to exceed \$1,000,000.

AMOUNT AND SOURCE OF FUNDING: Funding is available in the Fiscal Year 2011-2012 Capital Budget of Austin Energy.

FISCAL NOTE: A fiscal note is required.

FOR MORE INFORMATION CONTACT: David Wood, Vice President, Electric Service Delivery; Sonny Poole, Manager, Public Involvement and Real Estate, 322-6442.

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on July 16, 2012.

Austin Energy is seeking authorization to purchase a 5.545 acre site, as detailed in Exhibit A, on Bradshaw Road in Southeast Austin for construction of the proposed Rinard Creek Substation to serve a growing area. The property is owned by Legend's Way Development Company, a Texas General Partnership.

The project calls for a new substation to serve the growing load in the South IH 35 corridor. Large retail developments along South IH 35 and increasing residential subdivision developments to the east of IH 35 will place a strain on the current electric system.

This site is desirable in that it is a corner lot with sufficient area to allow for the design of a substation enclosure and surrounding area that meets guidelines for pedestrian and neighborhood compatibility. In addition, Austin Energy already has an existing 138 kV transmission circuit crossing the property that will negate the need for constructing expensive transmission lines in order to serve the substation.

EXHIBIT

"A"**EXHIBIT "B"****FIELD NOTES
FOR 5.545-ACRE TRACT**

BEING 5.545 ACRES OUT OF THE 114.545 ACRES OF LAND OUT OF THE SANTIAGO DEL VALLE GRANT, TRAVIS COUNTY, TEXAS, AND BEING THE REMAINDER OF THAT CERTAIN 130-ACRE TRACT REFERRED TO AS TRACT ONE AS CONVEYED TO ROY NEWTON DAUGHERTY AND WIFE, MALVINA DAUGHERTY BY DEED RECORDED IN VOLUME 733, PAGE 418 OF THE DEED RECORDS OF TRAVIS COUNTY, TEXAS; SAID 114.545-ACRES CONSISTING OF A 114.172-ACRE TRACT CONVEYED TO WILLIAMSON CREEK FARMS, L.P., A TEXAS LIMITED PARTNERSHIP AS RECORDED IN VOLUME 13251, PAGE 1428 OF THE REAL PROPERTY RECORDS OF TRAVIS COUNTY, TEXAS, AND A 0.22-ACRE TRACT CONVEYED TO WILLIAMSON CREEK FARMS, LTD., A TEXAS LIMITED PARTNERSHIP, AS RECORDED IN DOCUMENT NO. 1999160257 OF THE OFFICIAL RECORDS OF TRAVIS COUNTY, TEXAS, BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS :

COMMENCING at a 1/2" iron rod found in the corner line of this tract being the western most corner of that certain 1.99-acre tract conveyed to Javier Gonzales by deed as recorded in Volume 13044, Page 1121 of the Deed Records of Travis County, Texas;

THENCE, along the north right-of-way line of said Bradshaw Road N58°52'39"W a distance of 233.24 feet to calculated point being the **POINT OF BEGINNING**;

THENCE, N58°52'39"W a distance of 191.15 feet to a 1/2" iron rod found at the point of curvature of a curve to the right;

THENCE, along the arc of said curve having the following elements: a radius of 257.94 feet, a central angle of 88°24'48", an arc length of 398.03', a chord bearing of N14°39'50"W, and a chord distance of 359.74 feet, to a calculated point at a point of non tangent curvature of a curve to the right;

THENCE, N29°32'09"E a distance of 788.69 feet to a calculated point at an angle point;

THENCE, S60°26'52"E a distance of 129.71 feet to a calculated point at the point of curvature of a curve to the right;

THENCE, along the arc of said curve having the following elements: a radius of 20.00 feet, a central angle of $89^{\circ}59'52''$, an arc length of 31.42', a chord bearing of $S15^{\circ}26'56''E$, and a chord distance of 28.28 feet, to a calculated point of tangency;

THENCE, $S29^{\circ}33'00''W$ a distance of 247.18 feet to a calculated point at the point of curvature of a curve to the left;

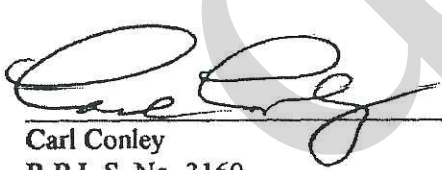
THENCE, along the arc of said curve having the following elements: a radius of 350.00 feet, a central angle of $18^{\circ}57'16''$, an arc length of 115.79', a chord bearing of $S20^{\circ}04'22''W$, and a chord distance of 115.26 feet, to a calculated point of tangency;

THENCE, $S10^{\circ}35'44''W$ a distance of 391.87 feet to a calculated point at the point of curvature of a curve to the left;

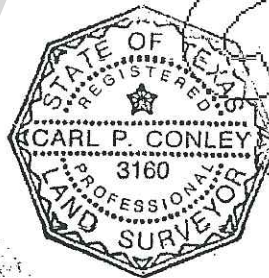
THENCE, along the arc of said curve having the following elements: a radius of 225.00 feet, a central angle of $35^{\circ}00'53''$, an arc length of 137.50', a chord bearing of $S06^{\circ}54'43''E$, and a chord distance of 135.37 feet, to a calculated point of non tangency;

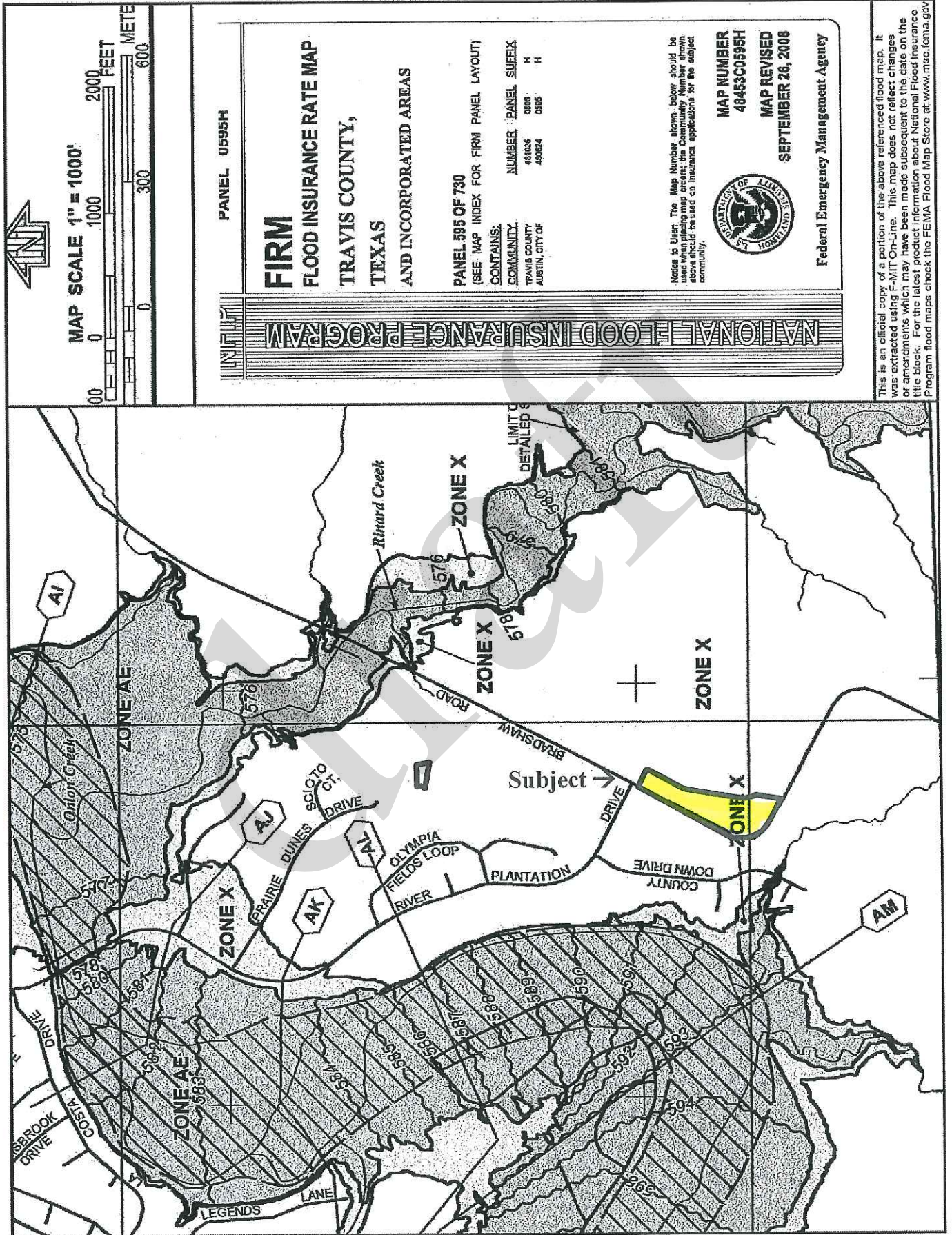
THENCE, $S10^{\circ}35'44''W$ a distance of 202.31 feet to a calculated point being the **POINT OF BEGINNING** and containing 5.545-acres (241,522 square feet) of land, more or less.

Basis of Bearings for this survey is a line from a 1/2" iron rod at the northeast corner of a 2.00-acre tract conveyed to R. Daugherty as recorded in Volume 7918, Page 86, same being an inside ell corner of said 114-acre tract to a 1/2" iron rod found for the southernmost corner of said 114.172-acre tract, same being the west corner of a 1.99-acre tract conveyed to Javier Gonzales as recorded in Volume 13044, Page 1121 (both of the Real Property Records of Travis County, Texas), said line being $S22^{\circ}09'08''W$ and a distance of 2989.81 feet as calculated from original deed for subject tract (Volume 13251, Page 1428).


Carl Conley
R.P.L.S. No. 3160
May 22, 2006

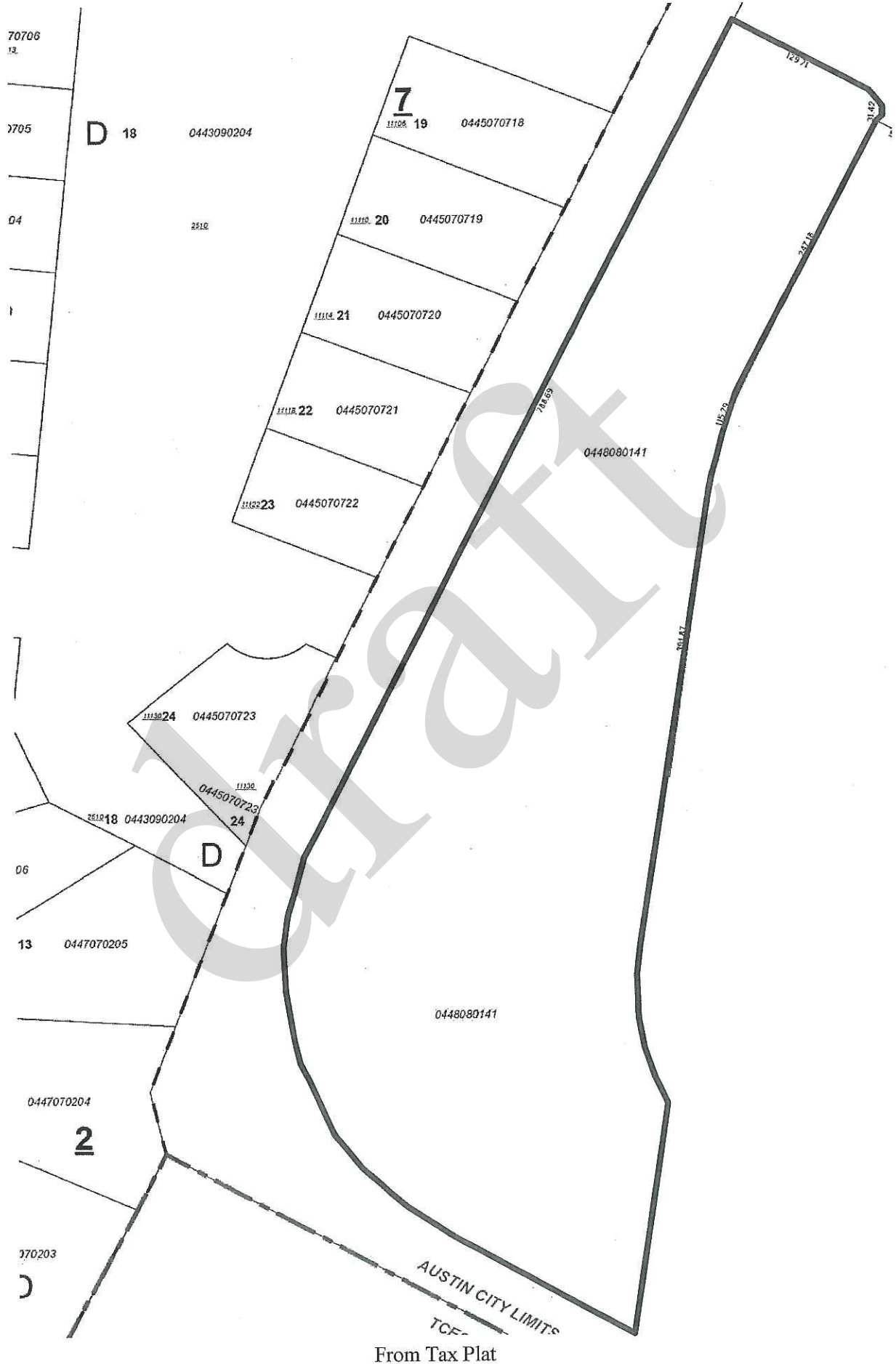
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From Tax Plat



From Tax Plat

**CITY OF AUSTIN – PURCHASING DEPT.
RECOMMENDATION FOR COUNCIL ACTION**

AGENDA DATE: 08/16/2012

VENDOR NAME: PIKE ELECTRIC, INC. & DASHIELL CORPORATION

SUBJECT: Authorize award, negotiation, and execution of a 24-month requirements service contract with PIKE ELECTRIC, INC. and DASHIELL CORPORATION for the purchase of relay installation, maintenance and testing services at Austin Energy substations, in an estimated amount not to exceed \$1,000,000 each and combined, with three 12-month extension options in an estimated amount not to exceed \$500,000 each and combined per extension option, for a total estimated contract amount not to exceed \$2,500,000 each and combined.

AMOUNT AND SOURCE OF FUNDING: Funding in the amount of \$20,833 is available in the Fiscal Year 2011-2012 Capital Budget of Austin Energy and \$20,834 is available in the Fiscal Year 2011-2012 Operating Budget of Austin Energy. Funding for the remaining 23 months of the original contract period and extension options is contingent upon available funding in future budgets.

FISCAL NOTE: A fiscal note is required.

FOR MORE INFORMATION CONTACT: Gage Loots, Buyer II/512-322-6118

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on July 16, 2012.

PURCHASING: Best evaluated proposals of two proposals received.

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

This contract will provide relay services for Austin Energy (AE) to be purchased on an as-needed basis. Relays are devices that protect high voltage transmission lines, substation equipment and the distribution system from faults in the electric power system. The contractors will provide the expertise, labor and equipment necessary to install, maintain and test relays at AE substations. AE personnel provide these services; however, this contract will be used to supplement those resources when necessary to complete both routine and emergency work.

Multiple contractors are needed to assure timely response and expertise. Contractors will submit a work plan, schedule, and pricing for individual projects, and the contractor offering the best value to the City will be awarded the work for that project.

An Austin Energy evaluation team with expertise in this area evaluated the proposals and unanimously chose these proposals as the best to provide these services. Evaluation criteria used to evaluate the proposals included the plan to accomplish the scope of work, cost, experience, equipment and facilities, and local business presence.

MBE/WBE solicited: 47/26

MBE/WBE bid: 0/0

PRICE ANALYSIS

- a. Adequate competition.
- b. Six hundred sixty-nine notices were sent, including 47 MBEs and 26 WBEs. Two proposals were received, with no response from the MBE/WBEs.

APPROVAL JUSTIFICATION

- a. Best evaluated proposals. Pike Electric Inc. and Dashiell Corporation are not the current contractors for this service.
- b. The Purchasing Office concurs with Austin Energy's recommended award.
- c. Advertised on the Internet.

Evaluation Category	Maximum Points	Pike Electric, Inc. Mount Airy, NC	Dashiell Corporation Austin, TX
Scope of Work Concept and Program (Grasp of the requirement for the entire program and the sample scope of work, responsiveness to terms and conditions, completeness and thoroughness of the technical data and documentation.)	25	24	19
Total Evaluated Cost (Proposer with lowest cost to City will be given maximum points, remaining given on a percentage ratio basis)	35	35	25
Personnel Qualifications & Demonstrated Applicable Experience	20	17	19
Equipment / Facilities	10	7	9
Local Business Presence	10	0	0
Total	100	83	72

NOTE: As per Section 252.049 of the local government code, contents of a proposal shall remain confidential until a contract is awarded or as directed by the Texas Attorney General's Office. Therefore, the matrix will include points awarded for price but exact pricing will not be disclosed.

**CITY OF AUSTIN – PURCHASING DEPT.
RECOMMENDATION FOR COUNCIL ACTION
VENDOR NAME: PIKE ELECTRIC, INC.**

AGENDA DATE: 08/23/2012

SUBJECT: Authorize award, negotiation, and execution of a 24-month requirements service contract with PIKE ELECTRIC, INC. for the purchase of installation and maintenance services at Austin Energy substations, in an estimated amount not to exceed \$1,000,000, with three 12-month extension options in an estimated amount not to exceed \$500,000 per extension option, for a total estimated contract amount not to exceed \$2,500,000.

AMOUNT AND SOURCE OF FUNDING: Funding in the amount of \$20,833 is available in the Fiscal Year 2011-2012 Operating Budget of Austin Energy and \$20,834 is available in the Fiscal Year 2011-2012 Capital Budget of Austin Energy. Funding for the remaining 23 months of the original contract period and extension options is contingent upon available funding in future budgets.

FISCAL NOTE: A fiscal note is required.

FOR MORE INFORMATION CONTACT: Gage Loots, Buyer II/512-322-6118

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on July 16, 2012.

PURCHASING: Sole proposal received.

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

This contract will provide substation non-civil services for Austin Energy (AE) to be purchased on an as-needed basis. The contractor will provide the expertise, labor and equipment necessary to install and maintain AE substations. These services include the assembly of bus structures and hardware, installation of equipment such as circuit breakers, transformers and capacitor banks, and various other activities required to maintain and improve substations. AE personnel provide these services; however, this contract will be used to supplement those resources when necessary to complete both routine and emergency work.

An Austin Energy evaluation team with expertise in this area evaluated the proposal and unanimously decided that this proposal represented a very qualified contractor to provide these services. Evaluation criteria used to evaluate the proposal included the plan to accomplish the scope of work, cost, experience, equipment and facilities, and local business presence.

MBE/WBE solicited: 98/38

MBE/WBE bid: 0/0

PRICE ANALYSIS

- a. Sole proposal. This is a very specialized service with a limited source of contractors.
- b. Nine hundred two notices were sent, including 98 MBEs and 38 WBEs. One proposal was received, with no response from the MBE/WBEs.

APPROVAL JUSTIFICATION

- a. Sole proposal received. Pike Electric is not the current contractor for this service.
- b. The Purchasing Office concurs with Austin Energy's recommended award.
- c. Advertised on the Internet.

Evaluation Category	Maximum Points	Pike Electric, Inc. Mount Airy, NC
Scope of Work Concept and Program (Grasp of the requirement for the entire program and the sample scope of work, responsiveness to terms and conditions, completeness and thoroughness of the technical data and documentation.)	25	19
Total Evaluated Cost (Proposer with lowest cost to City will be given maximum points, remaining given on a percentage ratio basis)	35	35
Personnel Qualifications & Demonstrated Applicable Experience	20	17
Equipment / Facilities	10	8
Local Business Presence	10	0
Total	100	79

NOTE: As per Section 252.049 of the local government code, contents of a proposal shall remain confidential until a contract is awarded or as directed by the Texas Attorney General's Office. Therefore, the matrix will include points awarded for price but exact pricing will not be disclosed.

CITY OF AUSTIN
RECOMMENDATION FOR COUNCIL ACTION
VENDOR NAME: Techline Inc.

AGENDA DATE: 08/16/2012

SUBJECT: Authorize award and execution of a 36-month requirements supply agreement with TECHLINE INC., for the purchase of Versa-Tech single-phase reclosers in an estimated amount not to exceed \$321,750 with two 12-month extension options in an estimated amount not to exceed \$107,250 per extension option, for a total estimated contract amount not to exceed \$536,250.

AMOUNT & SOURCE OF FUNDING: Funding in the amount for \$17,875 is available in the Fiscal Year 2011-2012 Operating Budget of Austin Energy. Funding for the remaining 34 months of the original contract period and extension options is contingent upon available funding in future budgets.

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

PURCHASING: Sole Source.

FOR MORE INFORMATION CONTACT: Gabriel Guerrero 322-6060

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on July 16, 2012

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

This contract with Techline Inc., located in Austin, TX, will provide Versa-Tech single-phase electronic reclosers to replace stock of non-electronic reclosers at Austin Energy's Kramer and St. Elmo warehouses. These reclosers will allow for immediate issue to Construction and Maintenance Crews for construction, maintenance and reliability issues associated with electric service delivery on an as-needed basis.

A recloser is a circuit breaker equipped with a mechanism that can automatically close the breaker after it has been opened due to a fault. Reclosers are used to detect and interrupt momentary faults. Since many short circuits on overhead lines clear themselves, a recloser improves service continuity by automatically restoring power to the line after a momentary fault.

These single-phase electronic reclosers will enable Austin Energy to reduce warehouse stocking requirements through use of one standardizing recloser, replacing three non-electronic reclosers currently being stocked. Another benefit to having an electronic recloser is that it has a self-contained electronic control allowing it to be installed without having to provide external hardware to power the control or having to mount an external control. This will allow for a quicker and easier installation.

Techline is the exclusive distributor of this electronic recloser for the State of Texas and there are no other comparable products in the market.

**CITY OF AUSTIN – PURCHASING DEPT.
RECOMMENDATION FOR COUNCIL ACTION
VENDOR NAME: AVO MULTI-AMP CORP. DBA MEGGER**

AGENDA DATE: 08/23/2012

SUBJECT: Authorize award and execution of a contract with AVO MULTI-AMP CORP. dba MEGGER for the purchase of relay test sets for Austin Energy, in an amount not to exceed \$80,750.

AMOUNT & SOURCE OF FUNDING: Funding is available in the Fiscal Year 2011-2012 Capital Budget of Austin Energy.

FISCAL NOTE: A fiscal note is required.

PURCHASING: Sole Source.

BOARD AND COMMISSION ACTION: To be reviewed by the Electric Utility Commission on July 16, 2012.

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

FOR MORE INFORMATION CONTACT: Gage Loots, Buyer II/512-322-6118

This contract is for the one-time purchase of four relay test sets for Austin Energy (AE) from Megger, Dallas TX. These test sets will be used by AE personnel to test and calibrate electromechanical and micro-processor relays, trip-check relay schemes, and perform relay panel checkout. Relays are devices that protect high voltage transmission lines, substation equipment and the distribution system from faults in the electric power system.

The Megger Protective Relay Test (MPRT) set is the only relay test set that can communicate with the existing MPRT test sets currently owned by AE. Compatibility between test sets is necessary to perform end-to-end testing to ensure proper coordination of relay settings at two ends of a transmission line. In addition, the MRPT set is the only test set that can be used in conjunction with AE's current relay software AVTS to perform automated testing, allowing for more accurate results and efficient analysis than manual testing.

MPRT sets are exclusively manufactured and directly sold by Megger with no authorized distributors. Therefore, Megger is the sole source provider of these products.