



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: MAY 13, 2019

ITEM NO: 10

SUBJECT: ANNUAL PROGRAM TASK ORDERS FOR ADMINISTRATION OF NINE (9) ENERGY EFFICIENCY PROGRAMS FOR FISCAL YEAR 2019/20 IN THE TOTAL AMOUNT OF \$3,340,000 WITH SOUTHERN CALIFORNIA PUBLIC POWER AUTHORITY FOR: LOAD PROFILER PROGRAM WITH AUTOMATED ENERGY IN THE AMOUNT OF \$75,000; KEEP YOUR COOL PROGRAM WITH EFFICIENCY SERVICES GROUP IN THE AMOUNT OF \$200,000; UPSTREAM HEATING, VENTILATION, AND AIR CONDITIONING PROGRAM WITH COHEN VENTURES, DBA ENERGY SOLUTIONS, IN THE AMOUNT OF \$250,000; RETAIL LED BUYDOWN PROGRAM WITH GREENLITE LIGHTING CORPORATION USA, IN THE AMOUNT OF \$300,000; SMALL BUSINESS DIRECT INSTALLATION PROGRAM WITH LIME ENERGY SERVICES COMPANY, IN THE AMOUNT OF \$965,000; KEY ACCOUNT ENERGY EFFICIENCY PROGRAM WITH MUNI-FED PARTNER ENERGY, LLC, IN THE AMOUNT OF \$200,000; CUSTOMER ENGAGEMENT PROGRAM WITH ORACLE AMERICA, INC., IN THE AMOUNT OF \$235,000; BUSINESS OUTDOOR LIGHTING DIRECT INSTALLATION PROGRAM WITH RICHARD HEATH AND ASSOCIATES INC., IN THE AMOUNT OF \$965,000; MULTIFAMILY DIRECT INSTALLATION PROGRAM WITH SYNERGY COMPANIES, IN THE AMOUNT OF \$150,000

ISSUES:

Recommend that City Council approve the annual program task orders for the administration of nine (9) energy efficiency programs for fiscal year 2019/20 in the total amount of \$3,340,000 with Southern California Public Power Authority for: Load Profiler Program with Automated Energy in the amount of \$75,000; Keep Your Cool Program with Efficiency Services Group in the amount of \$200,000; Upstream Heating, Ventilation, and Air Conditioning Program with Cohen Ventures, dba Energy Solutions, in the amount of \$250,000; Retail LED Buydown Program with Greenlite Lighting Corporation USA, in the amount of \$300,000; Small Business Direct Installation Program with Lime Energy Services Company, in the amount of \$965,000; Key Account Energy Efficiency Program with Muni-Fed Partner Energy, LLC, in the amount of \$200,000; Customer Engagement Program with Oracle America, Inc., in the amount of \$235,000; Business Outdoor Lighting Direct Installation Program with Richard Heath and Associates Inc., in the amount of \$965,000; Multifamily Direct Installation Program with Synergy Companies, in the amount of \$150,000.

RECOMMENDATIONS:

That the Board of Public Utilities recommend that the City Council:

1. Approve an annual Task Order with Automated Energy, Southern California Public Power Authority Resolution No. 2017-067 for the Load Profiler Program through Southern California Public Power Authority for Energy Efficiency Programs for fiscal year 2019/20, in the amount of \$75,000;

2. Approve an annual Task Order with Efficiency Services Group, Southern California Public Power Authority Resolution No. 2018-070 for the Keep Your Cool Program through Southern California Public Power Authority for Energy Efficiency Programs for fiscal year 2019/20, in the amount of \$200,000;
3. Approve an annual Task Order with Cohen Ventures DBA Energy Solutions, Southern California Public Power Authority Resolution No. 2019-025 for the Upstream Heating, Ventilation, and Air Conditioning Program through Southern California Public Power Authority for Energy Efficiency Programs for fiscal year 2019/20 in the amount of \$250,000;
4. Approve an annual Task Order with GreenLite Lighting Corporation USA, Southern California Public Power Authority Resolution No. 2014-119 for the Retail Light Emitting Diode Buydown Program through Southern California Public Power Authority for Energy Efficiency Programs for fiscal year 2019/20 in the amount of \$300,000;
5. Approve an annual Task Order with Lime Energy Services Company, Southern California Public Power Authority Resolution No. 2016-008 for the Small Business Direct Installation Program through Southern California Public Power Authority for Energy Efficiency Programs for fiscal year 2019/20, in the amount of \$965,000;
6. Approve an annual Task Order with Muni-Fed Partner Energy, LLC, Southern California Public Power Authority Resolution No. 2017-070 for the Key Accounts Energy Efficiency Program through Southern California Public Power Authority for Energy Efficiency Programs for fiscal year 2019/20 in the amount of \$200,000;
7. Approve an annual Task Order with Oracle America, Inc. Southern California Public Power Authority Resolution No. 2017-059 for the Customer Engagement Program through Southern California Public Power Authority for Energy Efficiency Programs for fiscal year 2019/20 in the amount of \$235,000;
8. Approve an annual Task Order with Richard Heath and Associates Inc., Southern California Public Power Authority Resolution No. 2017-113 for the Business Outdoor Lighting Direct Installation Program through Southern California Public Power Authority for Energy Efficiency Programs for fiscal year 2019/20, in the amount of \$965,000;
9. Approve an annual Task Order with Synergy Companies, Southern California Public Power Authority Resolution No. 2014-082 for the Multifamily Direct Installation Program through Southern California Public Power Authority for Energy Efficiency Programs for fiscal year 2019/20, in the amount \$150,000; and
10. Authorize the City Manager, or his designee, to sign the Task Orders with Southern California Public Power Authority for services by: Automated Energy, Efficiency Services Group, Cohen Ventures DBA Energy Solutions, Synergy Companies, Greenlite Lighting Corporation USA, Lime Energy Services Company, Muni-Fed Partner Energy LLC, and Oracle America, Inc., Richard Heath and Associates, and Synergy Companies, that are agreed upon under the Southern California Public Power Authority Master Professional Services Agreement or Master Goods and Services Agreement, including the ability to make any minor nonsubstantive changes to the Task Orders without exceeding the previously approved program budget.

LEGISLATIVE HISTORY:

Assembly Bill (AB) 1890 (1996) requires that 2.85% of electric revenue be utilized to fund public benefits programming and must be used in at least one of four (4) areas: 1) demand-side management (energy efficiency), 2) renewable energy, 3) low-income assistance, or 4) research, development, and demonstration.

Senate Bill (SB) 1037 (2005) requires publicly owned utilities (POUs), when procuring energy to serve their customer load, to “first acquire all available energy efficiency and demand reduction resources that are cost-effective, reliable, and feasible” and to report kilowatt-hour (kWh) savings to the California Energy Commission annually.

AB 2021 (2006) requires POUs to identify all potentially achievable cost-effective electricity efficiency savings and to establish annual targets for energy efficiency savings and demand reduction over 10 years. Riverside Public Utilities (RPU) has set a 10-year energy efficiency savings and demand reduction goal of 1% of annual retail energy sales.

SB 350 (2015) establishes annual targets for statewide energy efficiency savings and demand reduction that will achieve a cumulative doubling of statewide energy efficiency savings in electricity and natural gas by January 1, 2030. The bill requires local POUs to establish annual targets for energy efficiency savings and demand reduction consistent with this goal.

BACKGROUND:

What is SCPPA?

Southern California Public Power Authority (SCPPA) is a joint powers agency comprised of 11 municipal utilities and one irrigation district. SCPPA's members consist of the municipal utilities of Anaheim, Azusa, Banning, Burbank, Cerritos, Colton, Glendale, Los Angeles, Pasadena, Riverside, Vernon, and the Imperial Irrigation District. Together, SCPPA members deliver electricity to over two million customers in the Southern California region, spanning an area of 7,000 square miles, and with a total population that exceeds five (5) million.

Formed in 1980, SCPPA was created for the purpose of providing joint financing, construction and operation of transmission and generation projects. Today, SCPPA provides a range of services for its members by including effective member-led forums of collaboration through committees and working groups such as: Customer Service, Finance, Public Benefits, Resource Planning, Transportation Electrification, Transmission and Distribution, Engineering and Operations, Natural Gas, and Renewable Energy Resources. SCPPA members benefit from economies of scale pricing due to the aggregated buying power of the joint powers agency.

On August 14, 2007, the City Council unanimously approved the use of SCPPA for the procurement of energy efficiency and conservation programs and services.

The City Council approved various new energy efficiency programs and campaigns geared to our residential and non-residential customers to achieve energy efficiency goals and targets set forth by state legislation. The table below provides an overview of the energy efficiency programs administered by RPU and procured through SCPPA's procurement process:

Energy Efficiency Programs through SCPPA			
Program	Vendor	Service	Annual Resource Cost (\$/kWh)
Load Profiler Program	Automated Energy	Interval meter data with online access	\$0.02
Keep Your Cool Program	Efficiency Services Group	Lighting and refrigeration improvements to customers with large refrigeration load	\$0.36
Upstream High Efficiency Commercial Heating,	Energy Solutions	Commercial HVAC rebates at the distributor level	\$0.22

Ventilation, and Air Conditioning (HVAC) Program			
Light Emitting Diode (LED) Buydown Program	GreenLite	LED customer incentives offered at participating retailers	\$0.13
Small Business Direct Installation Program	Lime Energy	Lighting and HVAC improvements to small businesses	\$0.60
Key Account Energy Efficiency Program	Munifed/ Partner Energy	Commercial and industrial in-depth energy efficiency audits	\$0.06
Customer Engagement Program	Oracle/Opower	Residential home energy reports	\$1.07
Business Outdoor Lighting Direct Installation Program	Richard Heath & Associates (RHA)	Outdoor lighting improvements for medium and large businesses	\$0.50
Multifamily & Mobile Home Direct Installation Program	Synergy Companies	Direct installation of energy efficiency measures	\$0.34

On February 21, 2017, the City Council directed staff to provide detailed proposed expenditures included within each object code of RPU's annual budget to the Board of Public Utilities (Board), to provide a bi-annual report to the Board and City Council on expenditures, and to obtain Board and City Council approval of services procured through SCPPA over \$50,000.

RPU Procurement Process through SCPPA – Energy Efficiency Programs:

Upon request of its member agencies, SCPPA enters into contracts with vendors to provide services to its member agencies. The SCPPA Board of Directors authorizes these services via resolution authorizing SCPPA to enter into a Master Agreement. The SCPPA Master Agreement serves as an umbrella agreement with general terms and conditions between SCPPA and the vendor. Member agencies that choose to participate in these programs do so by authorizing a Task Order under the Master Agreement.

Before SCPPA enters into any contract, SCPPA posts a competitive Request for Proposal (RFP) or Request for Qualifications (RFQ) related to one or more energy efficiency program(s) as desired by one or more member agencies. Member agencies review and select one or more vendor(s) from those which responded to the RFP or RFQ. Once a vendor(s) is selected, SCPPA enters into a Master Professional Services Agreement (MPSA) or Master Goods and Services Agreement (MGSA) for related work under the RFP or RFQ. The member agencies authorize the Task Order under the Master Agreement.

In some cases, an informal procurement instead of competitive procurement may be undertaken when the program or service to be procured can only be obtained from a single or sole source or procured in a timely manner from a single source. To do this, SCPPA and the participating member agencies must be satisfied that the best price, terms and conditions for the procurement have been negotiated. As in the traditional RFP or RFQ process, SCPPA enters into a MPSA or a MGSA with the vendor providing the goods or service and the member agency authorizes a Task Order under the related agreement.

This process offers a flexible, voluntary “cafeteria-style” program to SCPPA member agencies so that member agencies only participate in and pay for the programs or services of their choosing. All participation in the programs and services is optional, and member agencies only pay for the ones they use. It is through the Task Order that member agencies opt to participate in a program or service. The Task Order between the member agency and SCPPA is an agreement for the services or programs from the selected vendor as well as agreement for payment. Furthermore, each Task Order includes a detailed program agreement governed by the umbrella Master Agreement between SCPPA and the vendor.

The standard term of the Master Agreement between SCPPA and the vendor is three (3) years with a possible extension for an additional three (3) years. The Master Agreement does not expire while services pursuant to an open Task Order with a member agency remain to be completed. SCPPA staff administers Task Orders and fully discloses the selected vendor's scope of work and pricing. RPU anticipates that each vendor contained in this report either has or will have their SCPPA MPSA or MGSA extended prior to expiration or will be granted a new MPSA or MGSA upon completion of any open Task Order during fiscal year (FY) 2019/20.

RPU Procurement Process through SCPPA – Assessment by Office of Organizational Performance and Audit:

On August 14, 2018, the City Council received a report from the Office of Organizational Performance and Audit detailing an assessment of RPU financial transactions related to SCPPA contracts and services acquired through SCPPA for FY 2013/14 through FY 2015/16. The assessment concluded that RPU was in compliance with Riverside's Charter, Riverside's procurement resolution and City policies during FY 2013/14 through FY 2015/16.

At the request of the City Council in February 2017, RPU management implemented the following procedures and internal controls to ensure transparency and accountability:

1. An RPU SCPPA Procurement form is submitted to the Utilities Assistant General Manager/Finance and Administration to ensure budget availability;
2. All SCPPA task orders to accept services are approved in writing by the Utilities General Manager (or designee); and
3. Board and City Council approval is required for SCPPA purchases over \$50,000 (purchases between \$25,000 and \$50,000 are approved by the City Manager; purchases up to \$25,000 are approved by the Utilities General Manager); the FY 2018/2019 programs and task orders over \$50,000 were presented to the City Council for approval on June 19, 2018.

The assessment states that the processes and procedures implemented by RPU in February 2017 have greatly enhanced the accountability and transparency of the transactions between RPU and SCPPA.

The assessment by the Office of Organizational Performance and Audit is linked and can be downloaded from the following webpage: <https://riversideca.legistar.com/View.ashx?M=F&ID=6414375&GUID=EDEC07FF-C3D4-4763-89B9-8171C7F4B39C>

Ratepayer Benefit:

RPU energy efficiency services are procured through SCPPA using economies-of-scale pricing from the collective buying power of all SCPPA member agencies, resulting in significant ratepayer savings. Annual savings utilizing SCPPA for these energy efficiency programs range between 4% and 40% depending on the specific program. This amounts to an average savings of nearly 17% per year for all RPU energy efficiency programs administered through SCPPA. Collaborating with SCPPA to provide energy efficiency programs has proven to be a cost-effective and efficient approach to administering these programs and has significantly enhanced RPU's ability to achieve kilowatt-hour (kWh) reduction goals.

Program Evaluation:

During FY 2018/19, staff began an energy efficiency program portfolio review in an effort to identify potential program enhancements. Enhancements to the Tree Power Program were approved by the City Council in February 2019. Staff has also requested pricing from respondents of the SCPPA Efficiency

Services and Products 2018 RFQ in order to compare RPU's current direct installation vendors to potential vendors who offer similar energy efficiency programs.

RPU contacted 21 SCPPA-approved vendors who offer energy efficiency program implementation and support and requested pricing on selected, program-specific energy efficiency measures that are currently being offered through RPU's direct installation programs. Of the 21 potential vendors, RPU received additional pricing from alliancePROJECT, Inc. and DNV-GL.

Staff undertook a due diligence process to evaluate the competency of the vendors, to compare the pricing offered by RPU's existing vendors, and to determine if the RPU ratepayers would benefit from utilizing the services offered by the two (2) potential vendors. Staff attempted to contact alliancePROJECT, Inc. multiple times to clarify the pricing provided in their response to the pricing request, but they were unresponsive. DNV-GL worked with RPU staff to develop all-inclusive pricing for the Keep Your Cool Program. DNV-GL does not currently offer a comprehensive approach for their direct install programs. Unlike RPU's existing vendor, DNV-GL does not have their own staff to conduct audits, perform installation and provide reporting; therefore, a pricing comparison was not possible.

Although no new vendors were selected as a result of the request for pricing, staff was able to compare the pricing being offered by Lime Energy, administrator of the Small Business Direct Installation Program, and Richard Heath & Associates (RHA), administrator of the Business Outdoor Lighting Direct Installation Program. Upon review, it was determined that the majority of the measures being offered by these two (2) vendors were competitive.

SCPPA staff consistently works with their approved vendors to ensure member agencies are receiving maximum benefit from utilizing SCPPA approved vendors to administer their programs. As market pricing decreases for cost of materials, SCPPA adjusts the pricing with the market. The pricing adjustments are referenced in amendments to the MPSA and MGSA. Beyond the existing 15% SCPPA discount being offered by RHA, the FY 2019/20 Task Order between RHA and RPU will include a 20% discount on select outdoor lighting measures, which is expected to save as much as \$75,000 during the operation of the Business Outdoor Lighting Direct Installation Program during FY 2019/20. Lastly, the FY 2019/20 Task Order between ESG and RPU will include a 30% reduction in the cost of refrigerated case LED lighting that is expected to save as much as \$25,000 during the operation of the Keep Your Cool Program.

Next Steps:

Staff will continue to evaluate the programmatic offerings throughout FY 2019/20. A comprehensive portfolio review is a multi-year process. During the review process, staff will explore procuring energy efficiency services directly with vendors who provide these services through the City of Riverside Purchasing Department. Staff will also investigate the possibility of working with a consultant to assist with the portfolio review. Finally, staff will continue to engage the community in an effort to meet the ever evolving needs of RPU customers.

DISCUSSION:

RPU administers the energy efficiency programs outlined below on an annual basis from July 1 through June 30 via third-party vendors procured through SCPPA to obtain economies of scale pricing. During FY 2017/18 these SCPPA-procured vendor programs accounted for over eight million kWh of energy savings, accounting for approximately 35% of RPU's annual energy savings goal.

SCPPA procured each vendor by issuing an RFP and conducting a competitive bidding process or an RFQ to determine that a vendor meets the criteria, including pricing, to successfully complete the requirements of the programs being offered by member agencies. In some cases, an informal procurement instead of competitive procurement was utilized when the program or service is offered only by a single or sole source or could be provided in a timely manner. In these instances, SCPPA is

satisfied that the best price, terms and conditions for the procurement have been negotiated as part of the sole source procurement. In addition, RPU conducted its own due diligence review process with each vendor before electing to utilize them for any energy efficiency program.

For each program included in this report, an accompanying table outlines the program's effectiveness as it relates to participation, energy savings, budget utilization and resource cost of the program. Resource cost is defined as cost per one kWh of energy demand reduction.

The reported savings values in the tables reflect FY 2017/18 data. The final FY 2018/19 savings numbers have yet to be determined, as RPU does not report the energy savings from each program until the incentives have cleared payment. SCPPA's billing process typically lags by two (2) months, so the energy savings realized in June will not be reported until August.

Load Profiler Program – Automated Energy:

The Load Profiler Program (LPP) provides a hosted service to utilities for gathering and reporting electricity consumption information. RPU offers the LPP to Key Account customers with large energy consumption, which allows them to analyze and monitor electric load. The program makes it possible for these customers to better manage the amount and timing of their energy consumption and make decisions to reduce or shift load to off peak or provide the information needed to implement demand side management measures.

During FY 2019/20, RPU will continue to encourage more participation in the program as described in the Key Accounts Program Plan as approved by RPU management. Historically, customers who participated in LPP were required to install an analog phone line to connect to a RPU modem meter. This phone connection allowed the RPU electric meter to transmit 15-minute interval data over the internet to Automated Energy. Electric meter technology has improved since this time which makes the previously utilized modem meters obsolete. In order to bridge the gap between obsolete modem meters and AMI, RPU customers who participate in the LPP require a cellular modem to be installed on their electric meter in order to register pulse output. This cellular modem transmits 15-minute interval data to Automated Energy which then makes that data available to customers via an online tool. The proposed increase in funding for this program supports the procurement and installation of the cellular modems for the customer. This change necessitates an increase in program funding for FY2019/20 of \$45,000. Once the RPU Advanced Metering Infrastructure (AMI) project has been fully implemented, the cellular modem will no longer be required for participation in the LPP, which will reduce the cost of the program to RPU.

Load Profiler Program through SCPPA					FY 2017 - 2018				
Program	Vendor	Service	City Council Program Approval Date	FY 2017 - 2018 Budget	Participation	Energy Savings (kWh)	\$ Spent	Annual Resource Cost (kWh)	Lifetime Resource Cost (kWh)
Load Profiler Program	Automated Energy	Interval Meter Data with Web Access	10/2/2001	\$30,000	36	812,628	\$13,100	\$0.0161	\$0.0032

SCPPA procured the services of Automated Energy in 2003 through a sole source process in order to provide member agencies with an interval data resource. The MPSA was renewed in 2017 in order for members to continue their existing programs (Resolution No. 2017-067). RPU had previously utilized IMserv for this service but was required to migrate to Automated Energy when IMserv went out of business. RPU has continued to work with Automated Energy due to the effectiveness of their platform, their compatibility with RPU electric meters and the discount RPU receives due to the Automated Energy contract with SCPPA.

The Task Order between RPU and Automated Energy is for FY 2019/20 in the amount of \$75,000 under Master Professional Services Agreement dated July 24, 2017. RPU receives a 40% discount by procuring services through SCPPA using the economies of scale pricing.

Keep Your Cool Program – Efficiency Services Group:

The Keep Your Cool Program targets customers with significant refrigerated food and beverages storage such as mini-marts, delis, convenience stores and restaurants. The program offers the direct installation of energy efficiency measures such as air curtains, cooler gaskets, automatic door closures, LED case lighting retrofits and high-efficiency motor upgrades.

SCPPA staff worked with Efficiency Services Group to increase the effectiveness of this program by reducing the pricing for the LED case lighting being offered through this program by 30%.

Keep Your Cool Program through SCPPA					FY 2017 - 2018				
Program	Vendor	Service	City Council Program Approval Date	FY 2017 - 2018 Budget	Participation	Energy Savings (kWh)	\$ Spent	Annual Resource Cost (kWh)	Lifetime Resource Cost (kWh)
Keep Your Cool Program	Efficiency Services Group	Lighting and refrigeration improvements to customers with large refrigeration load	2/7/2012	\$100,000	12	277,260	\$100,000	\$0.36	\$0.06

SCPPA executed a MGSA (Resolution No. 2018-070) with Efficiency Services Group in 2018 due to the issuance of an RFQ for Efficiency Services and Products. Efficiency Services Group has had contracts with SCPPA since 2010 to provide various energy efficiency services. Currently, Efficiency Services Group is one of three (3) SCPPA-approved vendors who offer refrigerated load direct installation programs. ESG was selected by RPU due to their specialization in refrigerated load programs.

The Task Order between RPU and Efficiency Services Group is for FY 2019/20 in the amount of \$200,000. RPU receives a 15% discount on all measures, except the LED case lighting measure which is discounted 30%. These discounts are received due to economies of scale pricing realized by procuring services through SCPPA.

Upstream High-Efficiency Heating, Ventilation, and Air Conditioning (HVAC) Program – Energy Solutions:

The Upstream High-Efficiency HVAC Program offers a rebate incentive for commercial high-efficiency HVAC equipment purchases that exceed Title 24 requirements. The incentive is provided upstream at the wholesale distribution channel level, thereby encouraging commercial HVAC equipment distributors to stock and sell more efficient commercial HVAC equipment.

Upstream High Efficiency Commercial HVAC Program through SCPPA					FY 2017 - 2018				
Program	Vendor	Service	City Council Program Approval Date	FY 2017 - 2018 Budget	Participation	Energy Savings (kWh)	\$ Spent	Annual Resource Cost (kWh)	Lifetime Resource Cost (kWh)
Upstream High Efficiency Commercial HVAC Program	Energy Solutions	Commercial HVAC rebates at the distributor level	3/4/2014	\$150,000	7	643,854	\$144,736	\$0.22	\$0.01

SCPPA executed a MGSA with Cohen Ventures, Inc., dba Energy Solutions in 2013 at the request of multiple member agencies for an upstream HVAC resource. Energy Solutions also responded to the 2018 RFQ for Efficiency Services and Products and now has a new MGSA Resolution No. 2019-025.

The Task Order between RPU and Energy Solutions is for FY 2019/20 in the amount of \$250,000. RPU receives a 12.5% discount by procuring services through SCPPA using the economies of scale pricing.

LED Buydown Program – GreenLite:

The LED Buydown Program incentivizes RPU customers to purchase and install certain LED light bulbs at a reduced price due to RPU buying-down the retail cost at participating local stores.

LED Buydown Program through SCPPA					FY 2017 - 2018				
Program	Vendor	Service	City Council Program Approval Date	FY 2017 - 2018 Budget	Participation (# of Bulbs)	Energy Savings (kWh)	\$ Spent	Annual Resource Cost (kWh)	Lifetime Resource Cost (kWh)
LED Buydown Program	GreenLite	LED customer incentives offered at participating retailers	3/17/2015	\$300,000	28,386	907,506	\$115,706	\$0.13	\$0.01

SCPPA executed a MGSA (Resolution No. 2014-119) with GreenLite Lighting Corporation USA in 2015. SCPPA executed an agreement with Greenlite based on Roseville Electric's competitive solicitation and publicly available documentation.

The Task Order between RPU and GreenLite Lighting Corporation USA is for FY 2019/20 in the amount of \$300,000. RPU receives a 4% discount by procuring services through SCPPA using the economies of scale pricing.

Small Business Direct Installation Program – Lime Energy:

The Small Business Direct Installation Program provides small and medium-sized businesses with energy audits, and direct installation of energy efficiency measures such as lighting upgrades and controls, HVAC tune-ups, exit and open/closed signs, advanced power strips and weatherization.

Small Business Direct Installation Program through SCPPA					FY 2017 - 2018				
Program	Vendor	Service	City Council Program Approval Date	FY 2017 - 2018 Budget	Participation	Energy Savings (kWh)	\$ Spent	Annual Resource Cost (kWh)	Lifetime Resource Cost (kWh)
Small Business Direct Installation Program	Lime Energy and Richard Heath & Associates*	Lighting and HVAC improvements to small businesses	2/7/2012	\$1,930,000	1,269	3,221,545	\$1,919,920	\$0.60	\$0.20

* Note: Historically this program utilized the services of two SCPPA vendors who each serviced different zip codes in the City. Due to the new Business Outdoor Lighting Direct Installation Program added to RPU's program offerings in FY 2018/19, the Small Business Direct Installation Program is now administered solely by Lime Energy.

In July 2015, SCPPA released an RFQ for Efficiency-related Services and Products. The RFQ received eight (8) respondents who were evaluated and scored by the SCPPA Public Benefits Working Group comprised of member agency representatives. Of the eight (8), respondents three (3), including Lime Energy, were awarded SCPPA contracts based on selection criteria, including: Direct Installation of Contractor-identified and/or Member-specified efficiency measures, Quality Assurance/Quality Control, Fees and Pricing, Experience and References. SCPPA executed a MGSA (Resolution No. 2019-003) with Lime Energy in 2019.

The Task Order between RPU and Lime Energy is for FY 2019/20 in the amount of \$965,000. RPU receives a 15% discount by procuring services through SCPPA using the economies of scale pricing.

Key Account Energy Efficiency Program (KEEP) – Muni-Fed Partner Energy:

KEEP is offered to RPU's Key Accounts, including the largest time-of-use (TOU) rate commercial and industrial customers. KEEP is intended to provide Key Account customers with a comprehensive energy efficiency plan, including a priority list of recommended energy efficiency measures along with an

estimated return on investment and applicable utility incentives. RPU has increased the budget for this program for FY 2019/20 to allow Muni-Fed Partner Energy to provide all Key Account customers with a comprehensive energy efficiency plan within the next three (3) years. In addition to the KEEP audit, RPU is also working with Southern California Gas Company to provide additional technical and contracting assistance to bring large energy efficiency projects from concept to completion.

Key Account Energy Efficiency Program through SCPPA					FY 2017 - 2018				
Program	Vendor	Service	City Council Program Approval Date	FY 2017 - 2018 Budget	Participation	Energy Savings (kWh)	\$ Spent	Annual Resource Cost (kWh)	Lifetime Resource Cost (kWh)
Key Account Energy Efficiency Program	Munifed/ Partner Energy	Commercial and Industrial in Depth Efficiency Audits	3/4/2014	\$100,000	14	*1,017,729	\$64,500	\$0.06	\$0.02

* Savings numbers are derived from customers who completed projects identified during the comprehensive energy efficiency plan.

SCPPA executed the current MPSA (Resolution No. 2017-070) with Muni-Fed Partner Energy in 2017. The original MPSA executed by SCPPA with Muni-Fed Partner Energy was completed in 2014 as a sole source procurement. Muni-Fed Partner Energy conducts audits to identify energy conservation measures (ECM), provides simple payback analysis for the identified ECMs, and uniquely offers RPU customers the option to allow Muni-Fed Partner Energy to manage the procurement and installation of the identified ECMs for the customer.

The Task Order between RPU and Muni-Fed Partner Energy is for FY 2019/20 in the amount of \$200,000. RPU receives 33% discount by procuring services through SCPPA using the economies of scale pricing.

Customer Engagement Program – Oracle/Opower:

The purpose of the Customer Engagement Program is to enhance the interaction between RPU and its customers by providing them with resources that help manage their energy use, ensuring energy savings and increased customer satisfaction. The current program scope of work under the present Task Order provides up to 24,000 RPU residential electric customers the following services:

- *Home Energy Reports:* Reports are mailed four (4) times per year to residential customers to illustrate how their energy usage compares to a grouping of similar homes. Additional energy savings information is provided in the mailing.
- *Online Web Portal:* Access to an online tool to view energy usage, set efficiency goals, track progress and conduct self-evaluations 24 hours a day in English and Spanish.
- *Energy Savings Tips Library:* Access to a selection of tips targeted to household characteristics, including those of low-income customers.

Due to the acquisition of Opower by Oracle and the required new MPSA between Oracle and SCPPA, this program's launch was delayed by several months. Additionally, program start-up and onboarding costs are included in the program expenditures for FY 2017/18. As a result, the reported savings in the table below are low for the cost of the programing. For FY 2018/19 year to date, this program has saved approximately 900,000 kWh, which translates in to an annual resource cost of \$0.30 per kWh saved. The annual and lifetime resource cost of this program are expected to decline further as RPU will not incur any new onboarding costs.

Customer Engagement Program through SCPPA					FY 2017 - 2018				
Program	Vendor	Service	City Council Program Approval Date	FY 2017 - 2018 Budget	Participation	Energy Savings (kWh)	\$ Spent	Annual Resource Cost (kWh)	Lifetime Resource Cost (kWh)*
Customer Engagement Program	Oracle/ Opower	Residential Electric Use Comparison Tool	12/6/2016	\$250,000	12,000	207,993	\$222,640	\$1.07	\$1.07

SCPPA executed a MPSA (Resolution No. 2017-059) with Oracle America in 2014 as a result of a request from member agencies. At that time, two (2) member agencies, Glendale Water and Power and Burbank Water and Power, entered into Task Orders with Opower. After acquisition of Opower by Oracle, SCPPA issued a Request for Proposals and Qualifications to Provide Customer Engagement Programs. RPU staff scored the nine (9) respondents to the RFP and identified Oracle America as being the lowest cost responsive and responsible bidder to provide the program for RPU customers.

The Task Order between RPU and Oracle America, Inc. is for FY 2019/20 in the amount of \$235,000. RPU receives a 5% discount by procuring services through SCPPA using the economies of scale pricing.

Business Outdoor Lighting Direct Installation Program – Richard Heath & Associates:

The Business Outdoor Lighting Direct Installation Program provides medium and large businesses with outdoor lighting energy audits and direct installation of energy efficient lighting measures. Richard Heath & Associates (RHA) will offer this program to some Flat and any Demand or TOU customer within the RPU service territory with outdoor lighting.

Business Outdoor Lighting Direct Installation Program through SCPPA				NEW PROGRAM for FY 2018/19 - Figures in this table represent YTD FY18/19					
Program	Vendor	Service	City Council Program Approval Date	FY 2018 - 2019 Budget	Participation	Energy Savings (kWh)	\$ Spent	Annual Resource Cost (kWh)	Lifetime Resource Cost (kWh)
Business Outdoor Lighting Direct Installation Program	Richard Heath & Associates	Outdoor lighting improvements for medium to large business customers	6/19/2018	\$965,000	86	967,024	\$487,550	\$0.50	\$0.10

In July 2015, SCPPA released an RFQ for Efficiency-Related Services and Products. The RFQ received eight (8) respondents who were evaluated and scored by the SCPPA Public Benefits Working Group. Of the eight (8) respondents, three (3), including RHA, were awarded SCPPA contracts based on selection criteria, including: Direct Installation of Contractor-identified and/or Member-specified Efficiency Measures, Quality Assurance/Quality Control, Fees and Pricing, Experience and References. SCPPA executed the current MPSA with RHA (Resolution No. 2017-113) in 2018.

The Task Order between RPU and RHA is for FY 2019/20 in the amount of \$965,000. RPU receives a 15% discount by procuring services through SCPPA using the economies of scale pricing.

SCPPA staff worked with RHA to increase the effectiveness of this program by reducing the pricing an average of 20% for the majority of outdoor lighting measures being offered through this program.

Multi-family & Mobile Home Direct Installation Program – Synergy Companies:

This program offers multi-family and mobile home residents the direct installation of a specific list of measures including HVAC tune-ups, lighting efficiency upgrades, weatherization and advanced Tier 2 power strips. The program also addresses energy efficiency in multi-family and mobile home park common areas.

Multifamily & Mobile Home Direct Installation Program through SCPPA					FY 2017 - 2018				
Program	Vendor	Service	City Council Program Approval Date	FY 2017 - 2018 Budget	Participation	Energy Savings (kWh)	\$ Spent	Annual Resource Cost (kWh)	Lifetime Resource Cost (kWh)
Multifamily & Mobile Home Direct Installation Program	Synergy Companies	Direct installation of energy efficiency measures	3/4/2014	\$150,000	1,399	167246	\$56,748	\$0.34	\$0.03

SCPPA executed the current MPSA (Resolution No. 2014-082) with Synergy Companies in 2014 with a three-year extension executed in 2017. The original MPSA executed by SCPPA with Synergy Companies was completed in 2014 as a sole source procurement since Synergy Companies had an existing contract with Southern California Gas Company; therefore, one (1) vendor could complete direct installation services for both electric and gas measures during the same site visit with the customer.

The Task Order between RPU and Synergy Companies is for FY 2019/20 in the amount of \$150,000. RPU receives a 12% discount by procuring services through SCPPA using the economies of scale pricing.

FISCAL IMPACT:

The total fiscal impact of the energy efficiency programs through SCPPA will be \$3,340,000 for FY 2019/20. For programs with insufficient funds, funds will be transferred from Unprogrammed Funds, account number 6020100-453001, to the respective program accounts upon approval by City Council.

Since energy efficiency programs are driven by customer participation and market conditions, it is difficult to predict an exact budget amount to allocate to each program at the time when the biennial budget is prepared. An Unprogrammed Funds account is used to ensure programs are not suspended due to insufficient funds. Unprogrammed Funds are budgeted in the Public Benefit Program budget and remain unallocated until a specific program requires an increase in the previously approved budget amount. Any budget transfers from the Unprogrammed Funds account to a specific program account must meet all City requirements. The Task Orders contained in this report contain a not-to-exceed amount, so there will be no additional allocation to the approved amounts in the fiscal impact notes below.

Program	SCPPA Contractor	SCPPA Resolution Number	Fiscal Year 2019-20 Budget	Account Number	Sufficient Funds Available
Load Profiler Program	Automated Energy	2017-067	\$75,000	6020100-456056	After Budget Transfer of \$45,000
Keep Your Cool Program	Efficiency Services Group	2018-070	\$200,000	6020100-456080	After Budget Transfer of \$100,000
Upstream HVAC Program	Energy Solutions	2019-025	\$250,000	6020100-456091	Yes
LED Buydown Program	GreenLite	2014-119	\$300,000	6020100-456096	Yes
Small Business Direct Installation Program	Lime Energy	2016-008	\$965,000	6020100-456080	Yes
Key Account Energy Efficiency Program	Muni-Fed Partner Energy	2017-070	\$200,000	6020100-456094	After Budget Transfer of \$50,000
Customer Engagement Program	Oracle America Inc.	2017-059	\$235,000	6020100-456097	Yes
Business Outdoor Lighting Direct Installation Program	Richard Heath & Associates	2017-113	\$965,000	6020100-456006	Yes

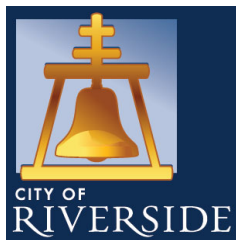
Multifamily Direct Installation Program	Synergy Companies	2014-082	\$150,000	6020100-456092	Yes
Total			\$3,340,000		

Prepared by: Daniel E. Garcia, Utilities Assistant General Manager/Resources
 Approved by: Todd M. Corbin, Utilities General Manager
 Approved by: Al Zelinka, FAICP, City Manager
 Approved as to form: Gary G. Geuss, City Attorney

Certifies availability
 of funds: Brian Seinturier, Utilities Fiscal Manager

Attachments:

1. Presentation
2. Automated Energy Task Order RPU02 FY 19-20
3. Energy Solutions Task Order RPU05 FY 19-20
4. ESG Task Order RPU04 FY 19-20
5. Greenlite Task Order RPU04 FY 19-20
6. Lime Energy Task Order RPU04 FY 19-20
7. Munifed Partner Energy Task Order RPU05 FY 19-20
8. Oracle Task Order RPU03 FY 19-20
9. RHA Task Order RPU02 FY 19-20
10. Synergy Task Order RPU05 FY 19-20
11. SCPPA Approval Process - Task Orders



ANNUAL PROGRAM TASK ORDERS FOR ADMINISTRATION OF NINE ENERGY EFFICIENCY PROGRAMS FOR FISCAL YEAR 2019/20 IN THE TOTAL AMOUNT OF \$3,340,000 WITH SCPPA

Customer Engagement Group

Board of Public Utilities
May 13, 2019

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LEGISLATIVE BACKGROUND

1. Assembly Bill (AB) 1890

Requires 2.85% of electric revenue to be utilized for:

- A. demand-side management (energy efficiency)
- B. renewable energy
- C. low-income assistance
- D. research, development & demonstration

2. Senate Bill (SB) 1037

"first acquire all available energy efficiency and demand reduction resources that are cost-effective, reliable, and feasible"

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LEGISLATIVE BACKGROUND

3. **AB 2021** – *requires publicly owned utilities to:*

- A. identify all potentially achievable cost-effective electricity efficiency savings
- B. establish annual targets for energy efficiency savings and demand reduction over ten years
- C. City Council set RPU's target at 1% of annual retail energy sales

4. **SB 350** – *requires statewide:*

- A. energy efficiency savings and demand reduction
- B. cumulative doubling of energy efficiency by January 1, 2030

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COUNCIL DIRECTION

1. August 14, 2007 – City Council unanimously approved the use of SCPA for the procurement of energy efficiency and conservation programs and services.

2. February 21, 2017 – City Council directed staff to:

- A. Provide detailed proposed SCPA expenditures to Board and to City Council.
- B. Deliver a bi-annual report to the Board and City Council on expenditures.
- C. Seek City Council approval of task orders over \$50,000.

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ENERGY EFFICIENCY PROGRAMS

Program	Vendor	Service
Load Profiler Program	Automated Energy	Interval Meter Data with Web Access
Keep Your Cool Program	Efficiency Services Group	Lighting and refrigeration improvements to customers with large refrigeration load
Upstream High Efficiency Commercial HVAC Program	Energy Solutions	Commercial HVAC rebates at the distributor level
LED Buydown Program	GreenLite	LED customer incentives offered at participating retailers
Small Business Direct Installation Program	Lime Energy	Lighting and HVAC improvements to small businesses
Key Account Energy Efficiency Program	Munified/ Partner Energy	Commercial and Industrial in Depth Efficiency Audits
Customer Engagement Program	Oracle/Opower	Residential Home Energy Reports
Business Outdoor Lighting Direct Installation Program	Richard Heath & Associates (RHA)	Outdoor lighting improvements for medium and large businesses
Multifamily & Mobile Home Direct Installation Program	Synergy Companies	Direct installation of energy efficiency measures

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RATEPAYER BENEFIT

1. Procurement using economies-of-scale pricing
 - A. 4%-40% discount depending on the specific program
 - B. 17% or \$565,000 annual savings
2. Direct contractual relationship
 - A. General RFP/RFQ
 - B. Contractor selection by subject matter experts
 - C. RPU Task Orders with approved contractors

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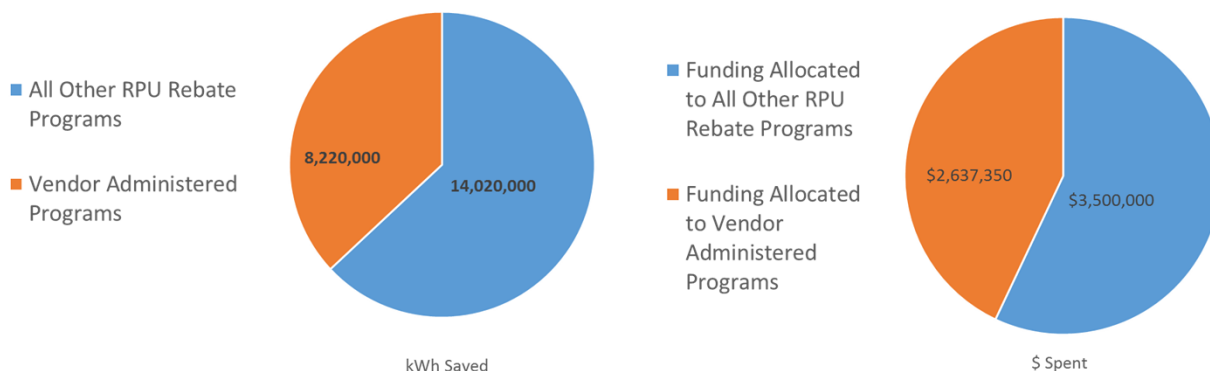


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ENERGY SAVINGS FY 2017-18

Total Saved = 22,240,000 kWh

95% of Goal



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LOAD PROFILER PROGRAM

Automated Energy

1. The Task Order between RPU and Automated Energy is for Fiscal Year 2019-20 in the amount of **\$75,000**
2. The annual resource cost of this program is **\$0.016/kWh**
3. Economies of Scale Discount = **40%**



Clear snapshot of your energy use and cost



15-minute interval data



Customize your dashboard to track any energy metric and budget



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KEEP YOUR COOL PROGRAM

Efficiency Services Group

1. The Task Order between RPU and Efficiency Services Group is for Fiscal Year 2019-20 in the amount of **\$200,000**
2. The annual resource cost of this program is **\$0.36/kWh**
3. Economies of Scale Discount = **15%**



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UPSTREAM HIGH EFFICIENCY HVAC PROGRAM

Energy Solutions

1. The Task Order between RPU and Energy Solutions is for Fiscal Year 2019-20 in the amount of **\$250,000**
2. The annual resource cost of this program is **\$0.22/kWh**
3. Economies of Scale Discount = **12.5%**



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LED BUYDOWN PROGRAM

GreenLite

1. The Task Order between RPU and GreenLite Lighting Corp USA is for Fiscal Year 2019-20 in the amount of **\$300,000**
2. The annual resource cost of this program is **\$0.13/kWh**
3. Economies of Scale Discount = **4%**



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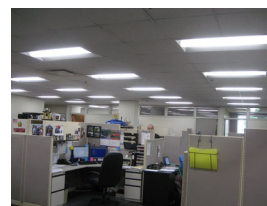


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SMALL BUSINESS DIRECT INSTALLATION PROGRAM

Lime Energy

1. Task Order between RPU and Lime Energy is for Fiscal Year 2018-19 in the amount of **\$965,000**
2. The annual resource cost of this program is **\$0.60/kWh**
3. Economies of Scale Discount = **15%**



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KEY ACCOUNT ENERGY EFFICIENCY PROGRAM

Muni-Fed Partner Energy

1. The Task Order between RPU and Muni-Fed Partner Energy is for Fiscal Year 2019-20 in the amount of **\$200,000**
2. The annual resource cost of this program is **\$0.06/kWh**
3. Economies of Scale Discount = **33%**



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CUSTOMER ENGAGEMENT PROGRAM

Oracle/Opower

1. The Task Order between RPU and Oracle America Inc. is for Fiscal Year 2019-20 in the amount of **\$235,000**
2. The annual resource cost of this program is **\$0.30/kWh**
3. Economies of Scale Discount = **5%**



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BUSINESS OUTDOOR LIGHTING DIRECT INSTALLATION PROGRAM

Richard Heath & Associates (RHA)

1. The Task Order between RPU and RHA is for Fiscal Year 2019-20 in the amount of **\$965,000**
2. The annual resource cost of this program is **\$0.50/kWh**
3. Economies of Scale Discount = **15%**



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MULTIFAMILY & MOBILE HOME DIRECT INSTALLATION PROGRAM

Synergy Companies

1. The Task Order between RPU and Synergy Companies is for Fiscal Year 2019-20 in the amount of **\$150,000**
2. The annual resource cost of this program is **\$0.34/kWh**
3. Economies of Scale Discount = **12%**



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FISCAL IMPACT

Program	Contractor	Fiscal Year 2019-20 Budget
Load Profiler Program	Automated Energy	\$75,000
Keep Your Cool Program	Efficiency Services Group	\$200,000
Upstream HVAC Program	Energy Solutions	\$250,000
LED Buydown Program	GreenLite	\$300,000
Small Business Direct Installation Program	Lime Energy	\$965,000
Key Account Energy Efficiency Program	Muni-Fed Partner Energy	\$200,000
Customer Engagement Program	Oracle America Inc.	\$235,000
Business Outdoor Lighting Direct Installation Program	Richard Heath & Associates	\$965,000
Multifamily Direct Installation Program	Synergy Companies	\$150,000
Total		\$3,340,000



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PROGRAM EVALUATION

During FY 2018/19, staff began the energy efficiency program portfolio review. To date:

1. Enhancements have been made to Tree Power Program
2. Staff solicited pricing requests from 21 approved vendors
 - A. Staff conducted a due diligence process to evaluate the competency of the vendors
 - B. Staff confirmed the existing vendors are currently the best option for RPU programmatic needs



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RECOMMENDATIONS

That the Board of Public Utilities recommend that the City Council:

1. Approve an annual Task Order with Automated Energy, Southern California Public Power Authority Resolution No. 2017-067 for the Load Profiler Program through Southern California Public Power Authority for Energy Efficiency Programs for fiscal year 2019/20, in the amount of \$75,000;
2. Approve an annual Task Order with Efficiency Services Group, Southern California Public Power Authority Resolution No. 2018-070 for the Keep Your Cool Program through Southern California Public Power Authority for Energy Efficiency Programs for fiscal year 2019/20, in the amount of \$200,000;
3. Approve an annual Task Order with Cohen Ventures DBA Energy Solutions, Southern California Public Power Authority Resolution No. 2019-025 for the Upstream Heating, Ventilation, and Air Conditioning Program through Southern California Public Power Authority for Energy Efficiency Programs for fiscal year 2019/20 in the amount of \$250,000;



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RECOMMENDATIONS (CON'T)

4. Approve an annual Task Order with GreenLite Lighting Corporation USA, Southern California Public Power Authority Resolution No. 2014-119 for the Retail Light Emitting Diode Buydown Program through Southern California Public Power Authority for Energy Efficiency Programs for fiscal year 2019/20 in the amount of \$300,000;
5. Approve an annual Task Order with Lime Energy Services Company, Southern California Public Power Authority Resolution No. 2016-008 for the Small Business Direct Installation Program through Southern California Public Power Authority for Energy Efficiency Programs for fiscal year 2019/20, in the amount of \$965,000;
6. Approve an annual Task Order with Muni-Fed Partner Energy, LLC, Southern California Public Power Authority Resolution No. 2017-070 for the Key Accounts Energy Efficiency Program through Southern California Public Power Authority for Energy Efficiency Programs for fiscal year 2019/20 in the amount of \$200,000;



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RECOMMENDATIONS (con't)

7. Approve an annual Task Order with Oracle America, Inc. Southern California Public Power Authority Resolution No. 2017-059 for the Customer Engagement Program through Southern California Public Power Authority for Energy Efficiency Programs for fiscal year 2019/20 in the amount of \$235,000;
8. Approve an annual Task Order with Richard Heath and Associates Inc., Southern California Public Power Authority Resolution No. 2017-113 for the Business Outdoor Lighting Direct Installation Program through Southern California Public Power Authority for Energy Efficiency Programs for fiscal year 2019/20, in the amount of \$965,000;
9. Approve an annual Task Order with Synergy Companies, Southern California Public Power Authority Resolution No. 2014-082 for the Multifamily Direct Installation Program through Southern California Public Power Authority for Energy Efficiency Programs for fiscal year 2019/20, in the amount \$150,000; and



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RECOMMENDATIONS (con't)

10. Authorize the City Manager, or designee, to sign the Task Orders between Riverside Public Utilities and Southern California Public Power Authority for services by: Automated Energy, Efficiency Services Group, Cohen Ventures DBA Energy Solutions, Synergy Companies, Greenlite Lighting Corporation USA, Lime Energy Services Company, Muni-Fed Partner Energy LLC, and Oracle America, Inc., Richard Heath and Associates, and Synergy Companies, that are agreed upon under the Southern California Public Power Authority Master Professional Services Agreement or Master Goods and Services Agreement, including the ability to make any minor nonsubstantive changes to the Task Orders without exceeding the previously approved program budget.



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Date: April 4, 2019

Project Description: Contractor Provided Electric Interval Data Program

Participating SCPPA Member(s) (if applicable): City of Riverside – Utilities

Contractor: Automated Energy, Inc.

SCPPA Resolution No.: 2017-067

SCPPA Extension Resolution No.: not applicable

Contractor, SCPPA and the participating Member(s) (“Participant(s)”) identified above (if any) agree that Contractor shall provide the Services specified herein pursuant to the terms and conditions of the Professional Services Agreement (“Agreement”) between SCPPA and Contractor dated July 20, 2017, except as specifically modified herein.

Scope of Services

Effective from July 1, 2019 to June 30, 2020.

Contractor shall provide SCPPA Member Utilities and their customers with secure, detailed interval load profile data (kW, kVar and kWh data) via the internet, and other services further described in Exhibit A-1, “Scope of Services” (or “Services”). Detailed procedures and practices to be followed while performing the Scope of Services, including completion acceptance, shall be as set forth in the Scope of Services or a subsequent task order issued thereunder.

The pricing represented on Exhibit A-1, “Scope of Services” reflects the 40% discount that Automated Energy Inc. offers to SCPPA members vs. Non-SCPPA members.

Compensation and Schedule

Load Profiler Program expenses shall not exceed \$75,000.00

Representative(s) of Participating Member(s)

Ryan Gleason
Riverside Public Utilities
3750 University Ave. 3rd Floor
Riverside, CA 92051
Phone # 951.826.5669
rgleason@riversideca.gov

Amendment(s) to the Agreement - none

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties have signed this Task Order as of the date first written above.

SOUTHERN CALIFORNIA PUBLIC POWER AUTHORITY

By: _____
Michael S. Webster

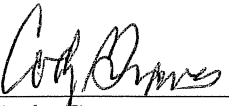
Executive Director

Approved as to Legal Form and Content:

Richard J. Morillo
General Counsel

and;

Automated Energy, Inc.

By:  _____
Cody Graves
President

Participant's Acknowledgement and Agreement

The undersigned hereby attests that he has the requisite authority to bind the Participant to the obligations set forth in the Task Order and Participant agrees to reimburse SCPPA for all fees and expenses invoiced by Contractor and will be responsible for all payment obligations incurred by SCPPA in connection with the work performed at the direction of or on behalf of Participant. Participant agrees to hold SCPPA and all other SCPPA members harmless for payment for work performed at the direction of, and for the exclusive benefit of Participant.

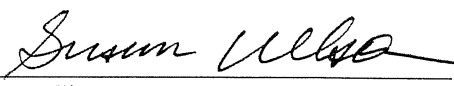
City of Riverside - Utilities

By: _____
Al Zelinka, FAICP
City Manager

Certified as to Availability of Funds:

Approved as to form:

By:  _____
Finance Director

By:  _____
Assistant City Attorney

EXHIBIT

A-1

SCPPA and Contractor acknowledge and agree that, by making Contractor's services available to multiple Members, through SCPPA pursuant to this Agreement, Contractor is able to provide Members substantial benefits that would not otherwise be available by procuring Contractor's services independently, including but not limited to:

- i. reduced complexity and effort required for Members to develop and implement efficiency-related programs;
- ii. streamlined billing processes; and
- iii. increased purchasing power for Members through economies of scale and scope, leading to significantly lower costs to participating Members and increased visibility of Members and Members' needs by Contractor.

To achieve these economies, Contractor is offering to provide the following services to SCPPA Members. Members may elect to use any one or more of these services, as they may choose on their own accord.

AEI will provide SCPPA Member Utilities and their customers with secure, detailed interval load profile data (KW, kVar, and kWh data) via the Internet. This energy data is presented in an easy-to-read tabular and graphical format. This tool allows your utility staff to conduct end use analysis online or export the data for use in external benchmarking, auditing, billing, or energy management applications. The 15-minute interval data is posted every night and available by 8:30 AM EST. AEI's **Prophet™** Load Profiler service offers an Internet-based solution that can provide the user with access to secure, detailed interval load data from any computer workstation equipped with commercially available browser.

Our Load Profiler service will allow you and your customers to:

- Look at the load profile of their facility for any date range they select.
- Examine their profile in any resolution they select (15min, 30min, hr, day, week, month, year, etc.)
- Overlay weather data on the profile to determine if usage anomalies are weather related.
- Aggregate or compare the profiles for any grouping of facilities.
- Conduct "what-if" analysis to determine the actual savings from various load reduction or peak shaving activities.
- Use a comprehensive rate engine to model any rate or tariff and calculate the costs based upon their actual load profile.
- Normalize usage profiles to weather data.
- Compare historical usage to current usage.
- Benchmark their usage against any contributing factors (percentage occupancy, manufacturing output, sales volume, etc) that is pertinent to their operations.
- Export consumption data in common data formats (XML, CSV, etc) for use in their own accounting or benchmarking systems.

- Administrator functions include controlling user access to rate editor functions; the ability to change user passwords; and generating reports showing who is using the service and for how long.
- Customers will have access to a number of feedback options to include:
 - Exception reports so they can be notified when a particular exception, which is pre-set, is triggered.
 - Automated daily/monthly reports sent in the form of a text and/or e-mail showing energy consumption and/or kW demand information.
 - Energy Assessment, which provides a two-page detailed audit report that gives the customer actionable recommendations and trends to address in order to achieve different levels of energy savings and energy dollars.

Our retail pricing is as follows:

One-time set up fee per meter	\$135
Monthly monitoring fee per	\$40
meter Custom development of	\$2500
Login Page Energy Assessment	\$750

Pricing under this Agreement for SCAPPA Member Utilities will be:

One-time set up fee per meter	\$75
Monthly monitoring fee per meter	\$25
Custom development of Login Page	Waive
Energy Assessment	\$500

TASK ORDER No.: RPU04

Date: April 4, 2019

Project Description: Contractor Administered Refrigerated Load Energy Efficiency Program

Participating SCPPA Member(s) (if applicable): City of Riverside – Utilities

Contractor: Efficiency Services Group, LLC.

SCPPA Resolution No.: 2018-070

SCPPA Extension Resolution No.: not applicable

Contractor, SCPPA and the participating Member(s) (“Participant(s)”) identified above (if any) agree that Contractor shall provide the Services specified herein pursuant to the terms and conditions of the Goods and Services Agreement (“Agreement”) between SCPPA and Contractor dated July 19, 2018, except as specifically modified herein.

Scope of Services

Effective from July 1, 2019 to June 30, 2020.

Contractor shall deliver the Keep Your Cool Program, Comprehensive Energy Audits, Energy Efficiency Consulting Services, and other services further described in Exhibit A-1, “Scope of Services” (or “Services”). Detailed procedures and practices to be followed while performing the Scope of Services, including completion acceptance, shall be as set forth in the Scope of Services or a subsequent task order issued thereunder.

The pricing represented on Exhibit A-1, “Scope of Services” reflects the 15% discount that Efficiency Services Group, LLC. offers to SCPPA members vs. Non-SCPPA members.

Compensation and Schedule

Keep Your Cool Your expenses shall not exceed \$200,000.00

Representative(s) of Participating Member(s)

Ryan McManus
Riverside Public Utilities
3750 University Ave. 3rd Floor
Riverside, CA 92051
Phone # 951.826.5170
rmcmanus@riversideca.gov

Amendment(s) to the Agreement - none

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties have signed this Task Order as of the date first written above.

SOUTHERN CALIFORNIA PUBLIC POWER AUTHORITY

By: _____
Michael S. Webster

Executive Director

Approved as to Legal Form and Content:

Richard J. Morillo
General Counsel

and;

Efficiency Services Group, LLC.

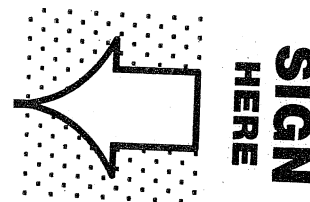
By: _____
Mark Gosvener
Chief Operating Officer

Participant's Acknowledgement and Agreement

The undersigned hereby attests that he has the requisite authority to bind the Participant to the obligations set forth in the Task Order and Participant agrees to reimburse SCPPA for all fees and expenses invoiced by Contractor and will be responsible for all payment obligations incurred by SCPPA in connection with the work performed at the direction of or on behalf of Participant. Participant agrees to hold SCPPA and all other SCPPA members harmless for payment for work performed at the direction of, and for the exclusive benefit of Participant.

City of Riverside - Utilities

By: _____
Al Zelinka, FAICP
City Manager



Certified as to Availability of Funds:

Approved as to form:

By: _____
Finance Director

By: _____
Assistant City Attorney

Exhibit A-1

Scope of Services

The Keep Your Cool Commercial Refrigeration Program (KYC) began in 2009, offering door gaskets and closers. Over the years, several additional measures have been added. The goal of the KYC is to help commercial business owners save a significant amount of energy through the installation of targeted, best practice measures that are low-risk and high return. Combined with additional benefits such as job creation/retention, increased awareness of energy efficiency in the commercial market sector, and driving sustainability through equipment upgrades, the program is well positioned to meet the goals of Riverside Public Utilities (RPU).

A. Contract Management

1. Development of Program Scopes and Budgets

ESG will work directly with RPU to develop a KYC Program scope and budget that meets the unique goals and objectives of RPU. This process will include, but not be limited to completion of a program questionnaire to establish RPU's program goals and objectives, use of a budget analysis tool which allows RPU to customize their measure portfolio, target penetration rates and incentive levels. ESG will provide program and technical guidance to ensure RPU's KYC Program is designed to best meet their goals and objectives. ESG will provide documentation required by each RPU to issue a work order under this Agreement.

2. Invoicing

Monthly invoices will be submitted to SCPPA and RPU for projects completed. Invoices will associate all project costs with a specific RPU and work order issued under this Agreement.

3. Budget Tracking

Project costs billed to SCPPA for each RPU will be tracked on a monthly and program-to-date basis. ESG will maintain a budget tracker which compares the program-to-date expenses to the total budget for each RPU to ensure the work order funds are not exceeded under this Agreement.

4. Subcontractor Management

ESG will be responsible for the quality of work of all subcontractors utilized under this Agreement. SCPPA's main point of contact will be ESG under this Agreement.

B. Program Delivery

1. Program Development

The purpose of this task is to prepare for program launch. This may include updating program materials and determining other RPU collateral to be left with customers, creating program

templates (such as a RPU's letter introducing the program), pre-ordering materials, recruitment and training of installation subcontractors, and program training for RPU's staff.

2. Customer Recruitment

The purpose of this task is to market the program to potential customers in RPU's service territory. The goal of this task is to enlist customers and schedule their retrofit installations.

The KYC Program's customer recruitment strategy is multi-faceted and may include: 1.) an introduction letter sent from RPU; 2.) a postcard campaign to further alert prospects; 3.) site visits from program auditors following leads generated by direct mail or the website; and 4.) systematic cold-calls by program auditors. Making sure that every customer has multiple interactions with the program is the key to avoiding lost opportunities.

3. Site Audit Report

Customers who express interest in the program will receive a site audit by a program auditor. The auditor will inspect existing refrigeration equipment at their facility for energy upgrade opportunities. The location of each piece of equipment will be labeled with a unique program tracking number (typically a door tag, each with a unique number) and any future work done to that equipment will include a reference to that tracking number. Digital photographs may be taken to record the specifications and/or the condition of the equipment, whether or not it is to be retrofitted.

The program auditor will record their findings and prepare a proposal for the customer. The proposal will detail all recommended energy efficient measures, the energy and monetary savings estimates, the incentives available and the customer co-pay, if any. The auditor will submit the signed proposal and documentation to program administrator. Auditors will follow up with customers who require extra time to decide, have additional questions or must meet requirements specific to their business (e.g. corporate approval).

4. Project Logistics

Once a customer signs the required participation paperwork, program administration will take responsibility for coordinating successful project delivery. This includes purchasing required material for the project, as well as reserving funds in RPU's budget to avoid oversubscription for a given work order issued under this Agreement.

5. Retrofit Installations

An appointment for the project installation work will be scheduled with the customer. Installers will arrive at the scheduled time, greet the customer or their employee, and identify themselves as a representative of RPU and the KYC Program.

Upon completion of the installations, the installer will provide the customer with an explanation of all work that was performed. When the work meets the customer's approval, they will be asked to sign a Project Completion Form. If the job cannot be completed on that day, the installer will let the

customer know when they will return to complete the job. In the event a customer is not satisfied with the installation and chooses not to sign the completion form, the installer will first work to rectify the customer's concerns. If immediate resolution is not possible, the installer will seek guidance from Program administration. If a resolution still cannot be achieved, ESG will determine the best course of action, which may include consultation with RPU.

6. Quality Assurance / Quality Control

All materials installed under this Agreement are new and sourced from the best-known suppliers. ESG will provide data sheets for all products installed in the KYC Program upon request.

A key component to validating energy savings and customer satisfaction is performing Quality Control (QC) verifications. RPUs will be given the option of electing to have ESG perform post-installation visits. One hundred percent of the projects that are completed under this Agreement will receive a post-installation site visit. These QC post-installation visits are not intended to replace work performed by official EM&V, which RPUs may choose to perform at a later time. Instead, these QC site visits are intended to provide RPU with a high level of confidence and assurance in the accuracy of reported measures, savings and customer satisfaction.

During the QC field visits, ESG staff will verify the following:

- All measures reported and invoiced by the installer are accounted for in the building and that the measures are installed and working properly.
- In the event a discrepancy or improper installation is identified, ESG will follow up with the installing contractor and ensure the work is rectified.
- ESG will interview the customer and reinforce to the customer that RPU is providing this program to help manage their energy costs, and wants to assure that the customer's participation and experience in the program was a positive one.
- If the customer indicates dissatisfaction with any aspect of the program, ESG will report it to the installing contractor and ensure that any issues are addressed to the customer's satisfaction.

The KYC Program will offer two pricing options to RPU; one that includes QC visits, and one that excludes QC visits. If a RPU elects to offer the program without ESG's QC activities described in this section, the program will be offered with all other program services described in this Scope of Services.

7. Program Metrics

The measures installed, date of installation, and estimated energy savings and demand reduction will be tracked on an ongoing basis during the course of this Agreement. Monthly reports will be prepared for each RPU and will detail the activity for the month and for the total program-to-date in their service territory. A separate report will be prepared for RPU's fiscal year which will include all the data required to report the retrofit projects and savings in the E3 reporting tool.

Keep Your Cool

Compensation

1. The following table shows the measure cost per unit for each item

Measure	Cost Unit	Price Per w/QC Inspections
ASH Controller: Coolers	door	\$216.96
ASH Controller: Freezers	door	\$338.11
Auto Door Closer: Reach-In	closer	\$167.91
Auto Door Closer: Walk-In	closer	\$220.91
Door Gasket	linear foot	\$11.50
Strip Curtain: Walk-in	square foot	\$13.90
ECM Motor Controller	controller	\$1,316.42
LED Canopy Light	fixture	\$820.00
LED Case Light	fixture	\$290.81
Programmable EC Motor (3/4 HP, 5.6A)	motor	\$712.25
Programmable EC Motor (1/2 HP, 4.0A)	motor	\$681.96
Programmable EC Motor (1/3 HP, 2.6A)	motor	\$586.55
Programmable EC Motor (1/15 HP, 1.8A)	motor	\$325.08
Programmable EC Motor (1/47 HP, 1.1A)	motor	\$264.51
Programmable EC Motor (1/5 HP, 3.2A)	motor	\$575.94
Q-Sync Motors (1/15 HP), replacing standard motor	motor	\$325.08
Q-Sync Motors (1/15 HP), replacing EC motor	motor	\$325.08
Q-Sync Motors (1/47 HP), replacing standard motor	motor	\$264.51
Q-Sync Motors (1/47 HP), replacing EC motor	motor	\$264.51
Horizontal Case Lighting (T8 LEDs)	lamp	\$29.00
Other T8 Lighting Upgrades to T8 LEDs	lamp	\$29.00

2. The reimbursement level per site shall not exceed \$25,000 without prior approval of RPU.
-

TASK ORDER No.: RPU05

Date: April 19, 2019

Project Description: Contractor Administered Upstream HVAC Rebate Program

Participating SCPPA Member(s) (if applicable): City of Riverside – Utilities

Contractor: Cohen Ventures, Inc. DBA Energy Solutions

SCPPA Resolution No.: 2019-025

SCPPA Extension Resolution No.: N/A

Contractor, SCPPA and the participating Member(s) ("Participant(s)") identified above (if any) agree that Contractor shall provide the Services specified herein pursuant to the terms and conditions of the Goods and Services Agreement ("Agreement") between SCPPA and Contractor dated April 18, 2019, except as specifically modified herein.

Scope of Services

Effective from July 1, 2019 to June 30, 2020.

Contractor shall provide program design, outreach, implementation, and incentive payment support to Riverside Public Utilities for an Upstream Rebate Program for High Efficiency Equipment and other services further described in Exhibit A-1, "Scope of Services" (or "Services"). Detailed procedures and practices to be followed while performing the Scope of Services, including completion acceptance, shall be as set forth in the Scope of Services or a subsequent task order issued thereunder.

The pricing represented on Exhibit A-1, "Scope of Services" reflects the 12.5% decrease in pay for performance costs to Riverside Public Utilities from Energy Solutions' initial offering to SCPPA of \$42/ton to \$36.75/ton as presented in the table below for economy scale pricing.

Compensation and Schedule

WORK PRODUCT	MEASUREMENT	PAYMENT RATE	ESTIMATED BUDGET
Program implementation, administration, rebating and marketing	Ton of installed high efficiency equipment	\$36.75 per ton	\$89,000.00
Program Incentives (Rebates)	Amount paid to distributors based on schedule on Attachment 1	\$70.00 per ton (average) Range: \$35.00 to \$300.00 per ton	\$161,000.00
		FY 2019/20 Not-to-Exceed Amount	\$250,000

Upstream High Efficiency Commercial HVAC Program expenses shall not exceed \$250,000.00

Representative(s) of Participating Member(s)

Ryan Gleason
Riverside Public Utilities
3750 University Ave. 3rd Floor
Riverside, CA 92051
Phone # 951.826.5669
rgleason@riversideca.gov

Amendment(s) to the Agreement - none

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties have signed this Task Order as of the date first written above.

SOUTHERN CALIFORNIA PUBLIC POWER AUTHORITY

By: _____
Michael S. Webster

Executive Director

Approved as to Legal Form and Content:

Richard J. Morillo
General Counsel

and;

Cohen Ventures, Inc. DBA Energy Solutions

By: _____
Name: Michael Laffey
Title: Vice President of Finance

Participant's Acknowledgement and Agreement

The undersigned hereby attests that he has the requisite authority to bind the Participant to the obligations set forth in the Task Order and Participant agrees to reimburse SCPPA for all fees and expenses invoiced by Contractor and will be responsible for all payment obligations incurred by SCPPA in connection with the work performed at the direction of or on behalf of Participant. Participant agrees to hold SCPPA and all other SCPPA members harmless for payment for work performed at the direction of, and for the exclusive benefit of Participant.

City of Riverside - Utilities

By: _____
Al Zelinka, FAICP
City Manager

Certified as to Availability of Funds:

Approved as to form:

By: _____
Finance Director

By: _____
Assistant City Attorney

Exhibit A-1

Scope of Services

PROGRAM DESCRIPTION

Cohen Ventures, Inc. DBA Energy Solutions (the Contractor) shall provide program design, outreach, implementation, and incentive payment support to Riverside Public Utilities for an Upstream Rebate Program for High Efficiency Equipment (Program). These efforts include creating materials necessary to maintain the Program, conducting outreach to eligible Distributors to upsell and stock qualifying equipment and enroll in the program, modifying and maintaining the online application system, processing rebate applications, ensuring Distributor compliance with the terms of the Distributor Participation Agreement, as described below, verifying customer eligibility and product qualifications, providing ongoing program usage information to Riverside Public Utilities, and paying rebates to Program participants.

The specific tasks shall include:

TASK 1- PROJECT MANAGEMENT

The Contractor shall work with Riverside Public Utilities to design and implement the Program. Project management activities will include: finalizing the Program design, budgeting and budget tracking, developing Program policies and procedures, and coordinating and representing Riverside Public Utilities' interest with other team members, third parties, vendors, and subcontractors. Contractor shall also develop, update and revise documentation related to the above activities as needed.

Contractor shall provide a monthly report detailing activities performed and will meet in person with Riverside Public Utilities' Program Manager as needed. Monthly program reporting will include, but is not necessarily limited to, equipment installing customer contact information and Riverside service address, equipment information, costs, and annual kilowatt-hour and kilowatt savings. This monthly report is due by the 10th day of each calendar month for Riverside Public Utilities' internal reporting. Contractor shall provide Program data or other information necessary to fulfill Program inspection and evaluation requirements.

TASK 2 - OUTREACH

The Contractor will perform outreach to eligible distributors, dealers, manufacturers, and manufacturer representatives (Distributors) to inform them of the Program, enroll participants, and provide support and training on submitting and tracking applications through the online system. Distributor outreach will include attending meetings with various entities, including, but not limited to, the client, other utilities, account executives, vendors, business groups, local governments, manufacturers, trade associations and other associations. The Contractor shall develop and maintain an updated Program communication database, and will document meetings and phone calls with market actors. The Contractor will provide Riverside Public Utilities with copies of signed Distributor Participation Agreements, specifying each Distributor's

responsibilities, commitments and liabilities associated with Participation in the Program, and a list of participating Distributors.

Distributors will typically receive 1-3 in-person visits per year from Contractor staff. During these visits Contractor will promote sales and stocking strategies for high efficiency equipment sales and provide business cases that outline how the program benefits their business and how their participation compares to that of their competitors. Contractor will work with Distributors to address and resolve questions and barriers in order to facilitate maximum participation. Training for participating Distributors may be provided in person, on the phone, and/or via webinar or video. Contractor will respond quickly to questions and issues as they arise for Distributors submitting applications through the online system or application status. Manufacturers and other key market actors may also be engaged with calls and in-person visits conducted as appropriate. The Contractor shall attend the support activities deemed necessary to the Program success by Program Manager.

TASK 3 - ONLINE SYSTEM DATABASE DEVELOPMENT AND MAINTENANCE

The Contractor shall customize the California Distributor Rebates System (the System) (www.cainstantrebates.com) to process Program rebates and incentives for participants. The Contractor will operate and maintain the System through dedicated hosting facilities, incorporating data security, data backup and redundancy. The System will include batch application upload, customer address matching, batch equipment upload, qualifying equipment database and verification, and invoicing tracking capabilities.

Customer installation address matching may be done manually by Riverside Public Utilities with support from the Contractor or may be done automatically if Riverside Public Utilities' customer address database(s) is made available to the Contractor. The equipment database shall include equipment that qualifies for the Program. Qualifying equipment is described in Attachment 1 and may be modified by mutual written agreement between Contractor and Riverside Public Utilities. Contractor shall update the online application system and databases as new qualifying equipment is included.

The Contractor will work with Riverside Public Utilities staff to securely maintain the confidentiality of the customer database and all Program information.

TASK 4 -APPLICATION PROCESSING AND VERIFICATION

The Contractor shall review rebate applications for consistency and completeness and shall resolve issues that may prevent applications from being processed. The Contractor shall verify that customer installation addresses provided on rebate applications match valid customer addresses and accounts. The Contractor will verify and approve eligible equipment information provided by Distributors with the qualifying equipment list (Attachment 1). The Contractor will also train Riverside Public Utilities personnel as needed to review applications, payment status, and invoicing.

TASK 5 -PAYMENT PROCESSING AND PROGRAM REPORTING

The Contractor shall be responsible for paying rebates to participating Distributors. Rebates will be batched together on invoices on a weekly or bi-weekly basis, reviewed, and forwarded to the Contractor finance team for payment. Checks will be cut and mailed to Distributors according to payee information provided upon enrollment. Additionally, the Contractor will research and query program data from the System and prepare reporting documents as required by the Program Manager to meet regulatory and other reporting needs.

TASK 6 -ENGINEERING SERVICES AND WORK PAPERS

Upon request, Contractor will provide work papers that support Riverside Public Utilities Energy Efficiency Programs including, but not limited to, claimed energy and demand savings resulting from the Upstream Rebate Program for High Efficiency Equipment. The work tasks include technical support of calculations used to estimate savings; energy savings modeling; and researching and documenting measure costs and other measure parameters used in cost effectiveness calculations. Specific work may include:

- Develop new work papers, utilizing recent engineering, EM&V, cost data, and/or related software to substantiate savings claims.
- Convert and expand existing work papers, correcting where necessary.
- Participate in the peer review of draft work papers and/or assist in comments resolution.
- Update existing work papers impacted by any recent EM&V study results.
- Participate in meetings and conference calls.
- Coordinate analysis related to DEER measures and the DEER database.
- Analyze studies, code & standards, measures, and data related to work papers.

PAYMENT SCHEDULE:

ENERGY SOLUTIONS BILL RATES 2019 - 2021			
LABOR CATEGORY	RATE (\$/hr)		
	2019	2020	2021
001-Admin Assistant/Admin Associate	75	77	80
002-Intern	83	85	88
100-Analyst	105	108	112
101-Associate	141	147	152
110-Project Manager	159	166	171
210-Project Manager II	176	183	189

710-Sr Project Manager	206	214	221
740-Senior Manager	234	242	250
120-Engineer	173	179	185
220-Engineer II	187	194	200
720-Sr Engineer	217	226	233
160-Information System Manager I	163	172	176
260-Information System Manager II	165	174	180
360-Information System Manager III	198	208	217
760-Senior Information System Manager	219	230	237
170-Software Engineer I	171	178	180
270-Software Engineer II	206	217	224
370-Software Engineer III	216	227	234
770-Senior Software Engineer	241	256	262
810-Director	245	253	264
830-IS Director	251	262	270
910-Officer/Principal	267	276	288

Total contract costs are not to exceed \$250,000.00.

Contractor invoices will be sent to Riverside Public Utilities. Upon approval, Riverside Public Utilities will forward invoices for payment to Southern California Public Power Authority (SCPPA) at billinginvoices@scppa.org.

Three-Phase Package and Split Unitary Air Conditioners and Heat Pumps

Equipment Type	Size Category	Unit Type	Sub-Category	Tier	Full Load Cooling Efficiency		Seasonal/Part-Load Cooling Efficiency	Incentive (\$/ton)
Air-Cooled	< 5.4 tons	AC or HP	Split System w/ TXV	1	12.5 EER	Or	15.0 SEER	\$50
			Single Package		12.0 EER	Or	15.0 SEER	

			Split System w/ TXV	2	13.0 EER	Or	16.0 SEER	\$100
			Single Package		12.4 EER	Or	16.0 SEER	
			Split System w/ TXV	3	13.5 EER	Or	17.0 SEER	\$175
			Single Package		13.0 EER	Or	17.0 SEER	
	≥ 5.4 tons and < 11.3 tons	AC or HP	Split System w/ TXV and Single Package	1	11.5 EER	Or	13.4 IEER	\$40
				2	12.0 EER	Or	13.8 IEER	\$65
				3	12.6 EER	Or	14.8 IEER	\$90
				4	13.0 EER	Or	18.0 IEER	\$200
	≥ 11.3 tons and < 20 tons	AC or HP	Split System w/ TXV and Single Package	1	11.5 EER	Or	13.0 IEER	\$40
				2	12.0 EER	Or	13.5 IEER	\$65
				3	12.5 EER	Or	14.0 IEER	\$90
				4	13.0 EER	Or	17.5 IEER	\$200
	≥ 20 tons and < 63.3 tons	AC or HP	Split System w/ TXV and Single Package	1	10.5 EER	Or	11.8 IEER	\$40
				2	10.8 EER	Or	12.5 IEER	\$65
				3	11.1 EER	Or	13.5 IEER	\$90
				4	11.5 EER	Or	15.0 IEER	\$150
	≥ 63.3 tons		Split System w/ TXV and	1	10.2 EER	Or	11.6 IEER	\$40

		AC or HP	Single Package	2	11.0 EER	Or	12.3 IEER	\$65
				3	12.0 EER	Or	13.8 IEER	\$90
				4	12.8 EER	Or	15.0 IEER	\$150
Water/Evap. Cooled AC (Three Phase and Single Phase)	< 5.4 tons	AC	Split System w/ TXV and Single Package	1	14.0 EER			\$75
				2	15.0 EER			\$125
				3	16.0 EER			\$200
	≥ 5.4 tons and < 11.3 tons	AC	Split System w/ TXV and Single Package	1	14.0 EER			\$35
	≥ 11.3 tons and < 20 tons	AC	Split System w/ TXV and Single Package	1	14.0 EER			\$70
	≥ 20 tons	AC	Split System w/ TXV and Single Package	1	13.0 EER			\$70
Water Source HP (Three Phase and Single Phase)	< 5.4 tons	HP	Split System w/ TXV and Single Package	1	14.0 EER			\$100
				2	15.0 EER			\$200
				3	16.0 EER			\$300
	≥ 5.4 tons and < 11.3 tons	HP	Split System w/ TXV and Single Package	1	14.0 EER			\$100
	≥ 11.3 tons and < 20 tons	HP	Split System w/ TXV and Single Package	1	14.0 EER			\$100

	≥ 20 tons	HP	Split System w/ TXV and Single Package	1	13.0 EER			\$100
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Single-Phase Package and Split Unitary Air Conditioners and Heat Pumps

Equipment Type	Size Category	Unit Type	Sub-Category	Tier	Full Load Cooling Efficiency		Seasonal/Part-Load Cooling Efficiency	Incentive (\$/ton)
Air-Cooled	< 5.4 tons	AC or HP	Split System w/ TXV	1	12.0 EER	And	15.0 SEER	\$50
			Single Package	1	11.6 EER	And	15.0 SEER	

Three-Phase Variable Refrigerant Flow (VRF) Equipment

Equipment Type	Size Category	Building Type	Tier	Minimum Qualifying Efficiency	Incentive (\$/ton)
VRF	< 80 tons	Commercial	1	ASHRAE 90.1 - 2010 Minimum	\$400
	≥ 80 tons		1		\$250

Three-Phase Air-Cooled Chiller Equipment

Equipment Type	Size Category	Unit Type	Sub-Category	Tier	Full Load Cooling Efficiency		Seasonal/Part-Load Cooling Efficiency	Incentive (\$/ton)
Air-Cooled	All	All	With Condenser	1	11.0 EER	Or	14.2 IPLV	\$50
				2	11.5 EER	Or	15.8 IPLV	\$100

Three-Phase Water-Cooled Chiller Equipment

Equipment Type	Size Category	Compressor Type	Minimum Qualifying Efficiency: Percent Improvement above T-24			Incentive e (\$/ton)
			Full-Load		IPLV/NPLV	
Water-Cooled	< 75 tons	Screw/Scroll	T-24 Min.	and	20% (0.48 kW/ton)	\$4.00
	≥ 75 tons and < 150 tons		T-24 Min.	and	20% (0.448 kW/ton)	\$4.00
	≥ 150 tons and < 300 tons		T-24 Min.	and	20% (0.432 kW/ton)	\$3.00
	> 300 tons and < 600 tons		T-24 Min.	and	10% (0.468 kW/ton)	\$2.50
	≥ 600 tons		T-24 Min.	and	10% (0.45 kW/ton)	\$2.50
	≥ 150 tons and < 300 tons	Centrifugal	T-24 Min.	and	15% (0.468 kW/ton)	\$2.50
	≥ 300 tons and < 400 tons		T-24 Min.	and	20% (0.416 kW/ton)	\$1.50
	≥ 400 tons and < 600 tons		T-24 Min.	and	20% (0.40 kW/ton)	\$1.50
	≥ 600 tons		T-24 Min.	and	20% (0.40 kW/ton)	\$1.50

Residential HVAC Measures

Single-Phase Package and Split Unitary Air Conditioners and Heat Pumps

Equipment Type	Size Category	Unit Type	Sub-Category	Tier	Seasonal/Part-Load Cooling Efficiency	HSPF (Unitary HP Only)	Incentive (\$/ton)
Unitary Split System	< 5.4 tons	AC	Ducted	1	15.0 SEER		\$50
				2	16.0 SEER		\$100
				3	18.0 SEER		\$125
				4	20.0 SEER		\$150

	< 5.4 tons	HP	Ducted	1	15.0 SEER	8.4 HSPF	\$75
				2	16.0 SEER	8.4 HSPF	\$100
				3	17.0 SEER	8.4 HSPF	\$125
				4	18.0 SEER	8.4 HSPF	\$150

Single-Phase Mini- and Multi-Split Equipment

Equipment Type	Size Category	Unit Type	Tier	Seasonal/Part-Load Cooling Efficiency	Incentive (\$/ton)
Mini and Multi-Split System	< 5.4 tons	Heat Pump	1	16.0 SEER	\$100
			2	19.0 SEER	\$200
			3	22.0 SEER	\$300

TASK ORDER No.: RPU04

Date: April 4, 2019

Project Description: Contractor Administered Upstream LED Rebate Program

Participating SCPPA Member(s) (if applicable): City of Riverside – Utilities

Contractor: Greenlite Lighting Corporation USA

SCPPA Resolution No.: 2014-119

SCPPA Extension Resolution No.: 2018-015

Contractor, SCPPA and the participating Member(s) (“Participant(s)”) identified above (if any) agree that Contractor shall provide the Services specified herein pursuant to the terms and conditions of the Goods and Services Agreement (“Agreement”) between SCPPA and Contractor dated December 18, 2014 and amended March 15, 2018, except as specifically modified herein.

Scope of Services

Effective from July 1, 2019 to June 30, 2020.

Contractor shall deliver an upstream LED Rebate Program and other services further described in Exhibit A-1, “Scope of Services” (or “Services”). Detailed procedures and practices to be followed while performing the Scope of Services, including completion acceptance, shall be as set forth in the Scope of Services or a subsequent task order issued thereunder.

The pricing represented on Exhibit A-1, “Scope of Services” reflects the 4% discount that GreenLite Lighting Corporation USA offers to SCPPA members vs. Non-SCPPA members.

Compensation and Schedule

Retail LED BuyDown Program expenses shall not exceed \$300,000.00

Representative(s) of Participating Member(s)

Jason Tarasi
Riverside Public Utilities
3750 University Ave. 3rd Floor
Riverside, CA 92051
Phone # 951.826.5817
jtarasi@riversideca.gov

Amendment(s) to the Agreement - none

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties have signed this Task Order as of the date first written above.

SOUTHERN CALIFORNIA PUBLIC POWER AUTHORITY

By: _____

Michael S. Webster

Executive Director

Approved as to Legal Form and Content:

Richard J. Morillo
General Counsel

and;

Greenlite Lighting Corporation USA

By: _____

Tarana N. Gupta
President & CEO

Participant's Acknowledgement and Agreement

The undersigned hereby attests that he has the requisite authority to bind the Participant to the obligations set forth in the Task Order and Participant agrees to reimburse SCPPA for all fees and expenses invoiced by Contractor and will be responsible for all payment obligations incurred by SCPPA in connection with the work performed at the direction of or on behalf of Participant. Participant agrees to hold SCPPA and all other SCPPA members harmless for payment for work performed at the direction of, and for the exclusive benefit of Participant.

City of Riverside - Utilities

By: _____

Al Zelinka, FAICP
City Manager

Certified as to Availability of Funds:

Approved as to form:

By: _____
Finance Director

By: Susan Wilson
Assistant City Attorney

Exhibit A-1

Scope of Services

Greenlite will utilize the implementation model which has been very successful Nationwide in many LED Upstream Lighting Programs. Greenlite plans to leverage all of their experience and retailer relationships to make the Riverside Public Utilities LED Instant Rebate Program extremely successful.

Greenlite Model	Model Description	RPU Rebate Per LED Bulb	Retailer's Cost	Retail Price to RPU Consumers
9W/LED/OMNI-D/30K	9W Dimmable LED Omnidirectional Bulb 60W Replacement	\$2.75	\$0.25	\$0.99
15W/LED/OMNID/30K	15W Dimmable LED Omnidirectional Bulb 100W Replacement	\$5.00	\$0.25	\$0.99
8W/LED/BR30-D	8W Dimmable LED BR30 Floodlight 65W Replacement	\$3.50	\$0.25	\$0.99
9W/LED/OMNI/DD	9W LED Omnidirectional Security Light with Dusk to Dawn Sensor Replaces 60W Standard Household Bulbs	\$3.00	\$0.25	\$0.99
15W/PAR38/FL/DD	15W LED PAR38 Security Light with Dusk to Dawn Sensor Replaces 100W Standard Floodlight Bulbs	\$6.50	\$0.25	\$0.99
9W/OMNI/SMART1 **	9W LED Omnidirectional Wi-Fi Connected and Voice Enabled Bulb Replaces 60W Standard Household Bulbs	\$10.00	\$0.25	\$0.99

**** 9w/OMNI/SMART1 for purchase by RPU for promotional purposes only at the cost of RPU Rebate Per LED Bulb + Retailer's Cost**

RPU may purchase these five LED Bulbs at the following cost (these costs are exactly the same as RPU Rebate Per LED Bulb + Retailer's Cost)

- 9W/LED/OMNI/D/30K - \$3.00
- 15W/LED/OMNI-D/30K - \$4.25
- 8W/LED/BR30-D - \$3.75
- 9W/LED/OMNI/DD - \$3.25
- 15W/PAR38/FL/DD - \$6.75
- 9W/OMNI/SMART1 - \$10.25 – For purchase by RPU for promotional purposes only at the cost of RPU Rebate Per LED Bulb + Retailer's Cost

Retail Packaging + Display + Header Card:

- All Greenlite LED Bulbs in the RPU Program will include special RPU logo packaging.
- Greenlite packaging is 100% Recyclable and printed with Soya Ink.
- Individual LED Bulbs will be provided to RPU Retailers in a versatile, free-standing Energy Star® custom logo shipper display.
- Each shipper display includes a custom header card paying special recognition to RPU.
- All packaging will be designed and approved in coordination with RPU.

Retailer Partners:

- Greenlite will solicit retail partners that RPU will verify and approve.
- Each partner retailer will merchandise the LED Bulbs in a custom RPU Logo retail shipper display.
- Participating Retailers are required to sign the Participating Retailer Acknowledgement Form and provide to Greenlite sales data by model two times monthly.

- Greenlite will submit to RPU and SCPPA, two times monthly, sales data which will include: sales by model -by retailer - by period - and cumulative.
- Sales data submissions will be accompanied by a corresponding invoice.

Payment Information:

- Please bill SCPPA on the 10th of each month with POS results at each individual retail store and include kWh savings

TASK ORDER No.: RPU04

Date: April 9, 2019

Project Description: Contractor Administered Energy Efficiency Direct Installation Program

Participating SCPPA Member(s) (if applicable): City of Riverside – Utilities

Contractor: Lime Energy Services Company (“Lime Energy”).

SCPPA Resolution No.: 2016-008

SCPPA Extension Resolution No.: 2019-003

Contractor, SCPPA and the participating Member(s) (“Participant(s)”) identified above (if any) agree that Contractor shall provide the Services specified herein pursuant to the terms and conditions of the Goods and Services Agreement (“Agreement”) between SCPPA and Contractor dated February 18, 2016 and amended June 14, 2017 and January 18, 2019, except as specifically modified herein.

Scope of Services

Effective from July 1, 2019 to June 30, 2020.

Contractor shall deliver Small Business Direct Installation Program, Comprehensive Energy Audits, Energy Efficiency Consulting Services, and other services further described in Exhibit A-1, “Scope of Services” (or “Services”). Detailed procedures and practices to be followed while performing the Scope of Services, including completion acceptance, shall be as set forth in the Scope of Services or a subsequent task order issued thereunder.

The pricing represented on Exhibit A-1, “Scope of Services” reflects the 15% discount that Lime Energy Services Company offers to SCPPA members vs. Non-SCPPA members.

Compensation and Schedule

Small Business Direct Installation Program expenses shall not exceed \$965,000.00

Representative(s) of Participating Member(s)

Ryan McManus
Riverside Public Utilities
3750 University Ave. 3rd Floor
Riverside, CA 92051
Phone # 951.826.5170
rmcmanus@riversideca.gov

Amendment(s) to the Agreement - none

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties have signed this Task Order as of the date first written above.

SOUTHERN CALIFORNIA PUBLIC POWER AUTHORITY

By: _____
Michael S. Webster

Executive Director

Approved as to Legal Form and Content:

Richard J. Morillo
General Counsel

and;

Lime Energy Services Company

By: _____
Joe Hui
VP Procurement and Construction

Participant's Acknowledgement and Agreement

The undersigned hereby attests that he has the requisite authority to bind the Participant to the obligations set forth in the Task Order and Participant agrees to reimburse SCPPA for all fees and expenses invoiced by Contractor and will be responsible for all payment obligations incurred by SCPPA in connection with the work performed at the direction of or on behalf of Participant. Participant agrees to hold SCPPA and all other SCPPA members harmless for payment for work performed at the direction of, and for the exclusive benefit of Participant.

City of Riverside - Utilities

By: _____
Al Zelinka, FAICP
City Manager

Certified as to Availability of Funds:

Approved as to form:

By: _____
Finance Director

By: _____
Assistant City Attorney

Exhibit A-1

Scope of Services

The Small Business Direct Installation Program (SBDI) began in 2012, as a way for Riverside Public Utilities (RPU) to encourage small to medium business to improve their energy efficiency. The direct installation approach was implemented as a method to introduce small to medium sized businesses to the concept of investing in energy efficiency to reduce their utility cost. Often times these customers lack the confidence to pursue these projects as they do not confront this type of project on a regular basis. Other customers lack the desire to allocate funding to improve their landlord's property as well as the landlord lacking the desire to invest in a project that will only benefit their tenant's utility bill. Combined with additional benefits such as job creation/retention, increased awareness of energy efficiency in the commercial market sector, and driving sustainability through equipment upgrades, the program is well positioned to meet the goals of Riverside Public Utilities.

A. Contract Management

1. Development of Program Scopes and Budgets

Lime Energy will work directly with RPU staff to develop a SBDI Program scope and budget that meets the unique goals and objectives of RPU. This process will include, but not be limited to completion of a program questionnaire to establish RPU program goals and objectives, budget analysis to maximize measure portfolio, target penetration rates and incentive levels. Lime Energy will provide program and technical guidance to ensure the SBDI program is designed to best meet RPU's goals and objectives. Lime Energy will provide all documentation required by RPU to issue a Task Order under this Agreement.

2. Invoicing

Monthly invoices will be submitted to SCPPA and RPU for projects completed. Invoices will associate all project costs with a RPU customer electric account number and Task Order issued under this Agreement.

3. Budget Tracking

Project costs billed to SCPPA for RPU projects will be tracked on a monthly and program-to-date basis. Lime Energy will maintain a budget tracker which compares the program-to-date expenses to the total budget for RPU to ensure the Task Order funds are not exceeded under this Agreement.

4. Subcontractor Management

Lime Energy will be responsible for the quality of work of all subcontractors utilized under this Agreement. RPU's main point of contact will be Lime Energy under this Agreement.

B. Program Delivery

1. Program Development

The purpose of this task is to prepare for program launch. This may include updating program materials and determining other RPU collateral to be left with customers, creating program templates (such as a Participant's letter introducing the program), pre-ordering materials, and recruitment and training of installation subcontractors.

2. Customer Recruitment

The purpose of this task is to market the program to potential customers in RPU service territory. The goal of this task is to enlist customers and schedule their retrofit installations.

The Small Business Direct Installation Program customer recruitment strategy is multi-faceted and may include: 1.) site visits from program auditors following leads generated by direct mail or the website; and 2.) systematic cold-calls by program auditors. Making sure that every customer has multiple interactions with the program is the key to avoiding lost opportunities.

3. Site Audit Report

Customers who express interest in the program will receive a site audit by a program auditor. The auditor will inspect existing refrigeration equipment at their facility for energy upgrade opportunities. The location of each piece of equipment will be labeled with a unique program tracking number (typically a door tag, each with a unique number) and any future work done to that equipment will include a reference to that tracking number.

The program auditor will record their findings and prepare a proposal for the customer. The proposal will detail all recommended energy efficient measures, the energy and monetary savings estimates, the incentives available and the customer co-pay, if any. The auditor will submit the signed proposal and documentation to program administrator. Auditors will follow up with customers who require extra time to decide, have additional questions or must meet requirements specific to their business (e.g. corporate approval).

4. Project Logistics

Once a customer signs the required participation paperwork, program administration will take responsibility for coordinating successful project delivery. This includes purchasing required material for the project, as well as reserving funds in the RPU program budget to avoid oversubscription for a given work order issued under this Agreement.

5. Retrofit Installations

An appointment for the project installation work will be scheduled with the customer. Installers will arrive at the scheduled time, greet the customer or their employee, and identify themselves as a representative of the Small Business Direct Installation Program.

Upon completion of the installations, the installer will provide the customer with an explanation of all work that was performed. When the work meets the customer's approval, they will be asked to sign a Project Completion Form. If the job cannot be completed on that day, the installer will let the

customer know when they will return to complete the job. In the event a customer is not satisfied with the installation and chooses not to sign the completion form, the installer will first work to rectify the customer's concerns. If immediate resolution is not possible, the installer will seek guidance from RPU Program administration. If a resolution still cannot be achieved, Lime Energy will determine the best course of action, which may include consultation with RPU.

6. Quality Assurance / Quality Control

All materials installed under this Agreement are new and sourced from the best-known suppliers. Lime Energy will provide data sheets for all products installed in the Small Business Direct Installation Program upon request.

7. Program Metrics

The measures installed, date of installation, and estimated energy savings and demand reduction will be tracked on an ongoing basis during the course of this Agreement. Monthly reports will be prepared for RPU and will detail the activity for the month and for the total program-to-date in their service territory. A separate report will be prepared for RPU fiscal year which will include all the data required to report the retrofit projects and savings in the ESP Portfolio.

Small Business Direct Installation Program Compensation

1. The following table shows the measure cost per unit for each item

ID	Measure	Code	Cost
7816	Install LED exit sign with battery backup	LTG-29	\$ 46.04
7819	Install LED exit sign with emergency heads	LTG-30	\$ 79.95
7820	Switch to Vacancy / Occupancy Sensor	LTG-31	\$ 86.05
7821	Switch to Ceiling Mounted Sensor	LTG-32	\$ 292.06
7822	Switch to Corner Mounted Sensor	LTG-32	\$ 292.06
7830	(1) IC-HAL PAR20 Lamp 35-60 Watts to (1) LED PAR20 lamp <=11 Watts	LTG-64	\$ 37.25
7831	(1) IC-HAL PAR30 Lamp 50-75 Watts to (1) LED PAR30 lamp <=18 Watts	LTG-65	\$ 53.87
7832	(1) IC-HAL PAR38 Lamp 60-90 Watts to (1) LED PAR38 lamp <=21 Watts	LTG-66	\$ 64.44
7833	Inefficient Pre-Rinse Spray Valve to Low-Flow Pre-Rinse Spray Valve – Gas Heater	WTR-1	\$ 68.58
7834	Inefficient Pre-Rinse Spray Valve to Low-Flow Pre-Rinse Spray Valve – Electric Heater	WTR-1	\$ 68.58
7835	Inefficient Pre-Rinse Spray Valve to Low-Flow Pre-Rinse Spray Valve – No Heater	WTR-1	\$ 68.58
7836	Inefficient or Missing Faucet Aerator to Low-Flow Aerator – Electric Heater	WTR-2	\$ 10.39
7837	Inefficient or Missing Faucet Aerator to Low-Flow Aerator – No Heater	WTR-2	\$ 10.39
7838	High-Flow Toilet to High-Efficiency Toilet w/Narrow Setback	WTR-3	\$ 276.84
7839	High-Flow Toilet to High-Efficiency Toilet w/Standard Setback	WTR-3	\$ 276.84
7844	Dimmer to LED Capable Dimmer	LTG-69	\$ 179.22
7845	High/Low Bay with 277V 400 W Standard Metal Halide Lamp to Industrial with <=205W LED Lamp and Integral Occupancy Sensor	LTG-73	\$ 1,111.03
7846	High/Low Bay with 120V 400 W Standard Metal Halide Lamp to Industrial with <=205W LED Lamp and Integral Occupancy Sensor	LTG-73	\$ 1,111.03

7847	High/Low Bay with 277V 400 W Standard Mercury Vapor Lamp to Industrial with <= 205W LED Lamp and Integral Occupancy Sensor	LTG-73	\$ 1,111.03
7848	High/Low Bay with 120V 400 W Standard Mercury Vapor Lamp to Industrial with <= 205W LED Lamp and Integral Occupancy Sensor	LTG-73	\$ 1,111.03
7849	(1) HAL R40 Lamp 60-90 Watts to (1) LED R40 lamp <=21 Watts	LTG-92	\$ 64.44
7850	(1) HAL R30 Lamp 50-75 Watts to (1) LED R30 lamp <=18 Watts	LTG-91	\$ 53.87
7851	(1) IC R20 Lamp 35-60 Watts to (1) LED R20 lamp <=11 Watts	LTG-90	\$ 37.25
7854	Package AC Unit needing tune up	OTH-3	\$ 180.87
7855	Package Heat Pump Unit needing tune up	OTH-3	\$ 180.87
7856	Door Gasket Missing or Disrepair	REF-6	\$ 11.06
7857	Strip Curtain Missing or Disrepair	REF-7	\$ 8.72
7858	Power Strip to Smart Power Strip	OTH-2	\$ 110.24
7859	Add Vending Miser to Beverage Vending Machine	REF-8	\$ 276.82
7860	Replace Neon Open Sign with LED Open Sign	LTG-84	\$ 109.33
7865	Assessment	FAS-1	\$ 50.00
7866	Assessment - Water Add on	FAS-2	\$ 62.00
7867	Assessment - Refrigeration Add on	FAS-3	\$ 65.00
7868	Assessment - HVAC Add on	FAS-4	\$ 60.00
7870	(1) 96" T-12 HO Lamp with Magnetic Ballast to (1) 96" T-8 HO Lamp with Elec. Bal.	LTG-44	\$ 59.89
7871	(2) 96" T-12 HO Lamp with Magnetic Ballast to (2) 96" T-8 HO Lamp with Elec. Bal.	LTG-45	\$ 70.46
7872	(3) 96" T-12 HO Lamp with Magnetic Ballast to (3) 96" T-8 HO Lamp with (2) Elec. Bal.	LTG-46	\$ 120.32
7873	(4) 96" T-12 HO Lamp with Magnetic Ballast to (4) 96" T-8 HO Lamp with (2) Elec. Bal.	LTG-47	\$ 130.90
7877	(1) IC-C11 Lamp to (1) LED C11 lamp <=5 Watts	LTG-93	\$ 29.67
7879	Assessment - Water and Refrigeration Add on	FAS-2	\$ 77.00
7880	Assessment - Water and HVAC Add on	FAS-2	\$ 72.00
7881	Assessment - Refrigeration and HVAC Add on	FAS-3	\$ 75.00
7882	Assessment - Water and Refrigeration and HVAC Add on	FAS-2	\$ 87.00
7916	(1) IC-HAL A19 Lamp 35-60 Watts to (1) LED A19 lamp <=13 Watts	LTG-96	\$ 22.40
7917	(1) IC G25 Lamp 25-40 Watts to (1) LED G25 lamp <=8 Watts	LTG-97	\$ 38.35
7919	(1) IC R30 Lamp 50-75 Watts to (1) LED R30 lamp <=18	LTG-91	\$ 53.87
7920	(1) HAL R20 Lamp 35-60 Watts to (1) LED R20 lamp <=11 Watts	LTG-90	\$ 37.25
7921	(1) IC R40 Lamp 60-90 Watts to (1) LED R40 lamp	LTG-92	\$ 64.44
7922	(1) HAL-C11 Lamp to (1) LED C11 lamp <=5 Watts	LTG-93	\$ 29.67
7923	(1) HAL G25 Lamp 25-40 Watts to (1) LED G25 lamp <=8 Watts	LTG-97	\$ 38.35
7925	(1) HAL A19 Lamp 35-60 Watts to (1) LED A19 lamp <=13 Watts	LTG-96	\$ 22.40
7990	Assessment and Exterior	FAS-6	\$ 100.00
7991	Assessment - Water Add on and Exterior	FAS-6	\$ 112.00
7992	Assessment - Refrigeration Add on and Exterior	FAS-6	\$ 115.00
7993	Assessment - HVAC Add on and Exterior	FAS-6	\$ 110.00
7994	Assessment - Water and Refrigeration Add on and Exterior	FAS-6	\$ 127.00
7995	Assessment - Water and HVAC Add on and Exterior	FAS-6	\$ 122.00
7996	Assessment - Refrigeration and HVAC Add on and Exterior	FAS-6	\$ 125.00
7997	Assessment - Water and Refrigeration and HVAC Add on and Exterior	FAS-6	\$ 137.00
8020	250W MV or MH Pole Top to <=75W LED Pole Top Ver. 2	200	\$ 691.27
8021	400W HPS Pole Top to <=140W LED Pole Top Ver. 2	203	\$ 839.66
8022	1000W MV or MH Pole Top to <= 255W LED Pole Top Ver. 2	204	\$ 1,242.90
8023	1000W HPS Pole Top to <=280W LED Pole Top Ver. 2	205	\$ 1,260.64
8024	250W MV or MH to Wall Pack <=75W LED Wall Pack Ver. 2	206	\$ 724.37
8025	400W HPS Wall Pack to <=140W LED Wall Pack Ver. 2	209	\$ 872.76
8026	1000W MV or MH Wall Pack to <= 255W LED Wall Pack Ver. 2	210	\$ 1,276.00
8027	1000W HPS Wall Pack to <=280W LED Wall Pack Ver. 2	211	\$ 1,293.74
8029	250W HPS Wall Pack to <= 95W LED Wall Pack Ver. 2	207	\$ 742.11

8030	400W MV/MH Wall Pack to <= 95W LED Wall Pack Ver. 2	208	\$ 742.11
8031	250W HPS Pole Top to <= 95W LED Pole Top Ver. 2	201	\$ 709.01
8032	400W MV/MH Pole Top to <= 95W LED Pole Top Ver. 2	202	\$ 709.01
8060	70W to 100W Incandescent A Lamp to <=18W LED A Lamp	212	\$ 24.51
8061	70W to 100W Halogen A Lamp to <=18W LED A Lamp	212	\$ 24.51
6075	21W LED Wallpack replacing 70W MH Wallpack		\$ 373.47
6121	Recessed/Surface with 250 W Standard Metal Halide Lamp to 89W LED Canopy Retrofit		\$ 594.28
6122	Recessed/Surface with 400 W Mercury Vapor Lamp to 136W LED Canopy Retrofit		\$ 601.30
6123	Recessed/Surface with 250 W Mercury Vapor Lamp to 89W LED Canopy Retrofit		\$ 594.28
6124	Recessed/Surface with 400 W Standard Metal Halide Lamp to 136W LED Canopy Retrofit		\$ 601.30
6125	Recessed/Surface with 320 W Pulse Start Metal Halide Lamp to 136W LED Canopy Retrofit		\$ 601.30
6128	20 to 35 Watt Halogen MR16 Lamp to LED Lamp, MR16 7 Watt		\$ 22.49
6185	30 to 45 Watt Incandescent R20 Lamp to LED Lamp, R20 11 Watt		\$ 31.60
6307	High/Low Bay 250 W Standard Metal Halide Lamp to Industrial with 149W LED Lamp and Integral Photocell		\$ 455.94
6308	High/Low Bay 250 W Mercury Vapor Lamp to Industrial with 149W LED Lamp and Integral Photocell		\$ 455.94
6376	Recessed/Surface (Wet Listed) with 250 W Mercury Vapor Lamp to 80W LED Canopy Retrofit		\$ 594.28
6377	Recessed/Surface (Wet Listed) with 400 W Standard Metal Halide Lamp to 140W LED Canopy Retrofit		\$ 601.30
6378	Recessed/Surface (Wet Listed) with 320 W Pulse Start Metal Halide Lamp to 140W LED Canopy Retrofit		\$ 601.30
6379	Recessed/Surface (Wet Listed) with 250 W Standard Metal Halide Lamp to 80W LED Canopy Retrofit		\$ 594.28
6380	Recessed/Surface (Wet Listed) with 400 W Mercury Vapor Lamp to 140W LED Canopy Retrofit		\$ 601.30
6635	(1) 150W MH Barn Light to 40W LED Barn Light		\$ 319.11
6638	(1) 100W MH/MV Flood to 30W LED Flood		\$ 309.43
6640	(1) 150W MH Flood to 55W LED Flood		\$ 428.79
6643	(1) 250W MH Flood to 55W LED Flood		\$ 428.79
6645	(1) 175W MH/MV Flood to 55W LED Flood		\$ 428.79
6646	(1) 175W MH/MV Barn Light to 40W LED Barn Light		\$ 319.11
TBD	(1) 48" T-12 or T-8 Lamp with Ballast to (1) 48" LED T-8 Lamp with Reduced Power HE Elec. Bal.		\$ 42.08
TBD	(2) 48" T-12 or T-8 Lamp with Ballast to (2) 48" LED T-8 Lamp with Reduced Power HE Elec. Bal.		\$ 50.00
TBD	(3) 48" T-12 or T-8 Lamp with Ballast to (3) 48" LED T-8 Lamp with Reduced Power HE Elec. Bal.		\$ 64.67
TBD	(4) 48" T-12 or T-8 Lamp with Ballast to (4) 48" LED T-8 Lamp with Reduced Power HE Elec. Bal.		\$ 77.91
TBD	(3) 48" T-12 or T-8 Lamp with Ballast to (3) 48" LED T-8 Lamp with (2) Reduced Power HE Elec. Bal.		\$ 83.98
TBD	(4) 48" T-12 or T-8 Lamp with Ballast to (4) 48" LED T-8 Lamp with (2) Reduced Power HE Elec. Bal.		\$ 94.18
TBD	(1) 96" T-12 or T-8 Lamp with Ballast to (1) 96" LED T-8 Lamp with Reduced Power HE Elec. Bal.		\$ 79.57
TBD	(2) 96" T-12 or T-8 Lamp with Ballast to (2) 96" LED T-8 Lamp with Reduced Power HE Elec. Bal.		\$ 115.98
TBD	(3) 96" T-12 or T-8 Lamp with Ballast to (3) 96" LED T-8 Lamp with (2) Reduced Power HE Elec. Bal.		\$ 188.40

TBD	(4) 96" T-12 or T-8 Lamp with Ballast to (4) 96" LED T-8 Lamp with (2) Reduced Power HE Elec. Bal.		\$ 224.81
	2x2 LED Volumetric Retrofit Kit <25 Watts		\$ 155.66
	2x4 Troffer with 3 or 4 Lamps and Ballasts to (1) 2x4 LED Volumetric Retrofit Kit <=30 Watts		\$ 187.73
	19' x 30" Scissor Lift / Pickup and Delivery Included - Day Rate		\$ 321.98
	32' x 46" Scissor Lift / Pickup and Delivery Included - Day Rate		\$ 423.33
	30' Knuckle Boom / Pickup and Delivery Included - Day Rate		\$ 548.22
	45' Knuckle Boom / Pickup and Delivery Included - Day Rate		\$ 592.85
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-1.5 Ton	12SACTU-1.5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-10 Ton	12SACTU-10	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-10.5 Ton	12SACTU-10.5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-11 Ton	12SACTU-11	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-11.5 Ton	12SACTU-11.5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-12 Ton	12SACTU-12	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) 12.5-25 tons-12.5 Ton	12SACTU-12.5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) 12.5-25 tons-15 Ton	12SACTU-15	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-2 Ton	12SACTU-2	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-2.5 Ton	12SACTU-2.5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) 12.5-25 tons-20 Ton	12SACTU-20	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) 12.5-25 tons-25 Ton	12SACTU-25	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-3 Ton	12SACTU-3	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-3.5 Ton	12SACTU-3.5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-4 Ton	12SACTU-4	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-4.5 Ton	12SACTU-4.5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-5 Ton	12SACTU-5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-5.5 Ton	12SACTU-5.5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-6 Ton	12SACTU-6	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-6.5 Ton	12SACTU-6.5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-7 Ton	12SACTU-7	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-7.5 Ton	12SACTU-7.5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-8 Ton	12SACTU-8	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-8.5 Ton	12SACTU-8.5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-9 Ton	12SACTU-9	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage AC (First Unit) up to 12 tons-9.5 Ton	12SACTU-9.5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage HP (First Unit) up to 12 tons-1.5 Ton	12SHPTU-1.5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage HP (First Unit) up to 12 tons-10 Ton	12SHPTU-10	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage HP (First Unit) up to 12 tons-10.5 Ton	12SHPTU-10.5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage HP (First Unit) up to 12 tons-11 Ton	12SHPTU-11	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage HP (First Unit) up to 12 tons-11.5 Ton	12SHPTU-11.5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage HP (First Unit) up to 12 tons-12 Ton	12SHPTU-12	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage HP (First Unit) 12.5-25 tons-12.5 Ton	12SHPTU-12.5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage HP (First Unit) 12.5-25 tons-15 Ton	12SHPTU-15	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage HP (First Unit) up to 12 tons-2 Ton	12SHPTU-2	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage HP (First Unit) up to 12 tons-2.5 Ton	12SHPTU-2.5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage HP (First Unit) 12.5-25 tons-20 Ton	12SHPTU-20	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage HP (First Unit) 12.5-25 tons-25 Ton	12SHPTU-25	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage HP (First Unit) up to 12 tons-3 Ton	12SHPTU-3	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage HP (First Unit) up to 12 tons-3.5 Ton	12SHPTU-3.5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage HP (First Unit) up to 12 tons-4 Ton	12SHPTU-4	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage HP (First Unit) up to 12 tons-4.5 Ton	12SHPTU-4.5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage HP (First Unit) up to 12 tons-5 Ton	12SHPTU-5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage HP (First Unit) up to 12 tons-5.5 Ton	12SHPTU-5.5	\$ 724.05
	Perform Test-in, Tuneup, Test-out on Two Stage HP (First Unit) up to 12 tons-6 Ton	12SHPTU-6	\$ 724.05

[illegible]

[illegible]

Perform Test-in, Tuneup, Test-out on Two Stage HP (Additional Unit) up to 12 tons-8.5 Ton	A2SHPTU-8.5	\$ 506.06
Perform Test-in, Tuneup, Test-out on Two Stage HP (Additional Unit) up to 12 tons-9 Ton	A2SHPTU-9	\$ 506.06
Perform Test-in, Tuneup, Test-out on Two Stage HP (Additional Unit) up to 12 tons-9.5 Ton	A2SHPTU-9.5	\$ 506.06
Anti Sweat Heater Controller for cooler application high door count, 9 to 15 doors	ASHC-CLR-15D	\$ 846.47
Anti Sweat Heater Controller for cooler application high door count w/ 1 Relay, 16 to 20 doors	ASHC-CLR-15D-R1	\$ 906.07
Anti Sweat Heater Micro Controller for cooler application	ASHC-CLR-2D	\$ 545.06
Anti Sweat Heater Controller for cooler application low door count, 8 doors or less	ASHC-CLR-8D	\$ 718.75
Anti Sweat Heater Controller for freezer application high door count, 8 to 14 doors	ASHC-FZR-14D	\$ 846.47
Anti Sweat Heater Controller for freezer application high door count w/ 1 Relay, 15 to 20 doors	ASHC-FZR-14D-R1	\$ 906.07
Anti Sweat Heater Controller for freezer application low door count, 7 doors or less	ASHC-FZR-7D	\$ 718.75
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-1.5 Ton	ASSACTU-1.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-10 Ton	ASSACTU-10	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-10.5 Ton	ASSACTU-10.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-11 Ton	ASSACTU-11	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-11.5 Ton	ASSACTU-11.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-12 Ton	ASSACTU-12	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) 12.5-25 tons-12.5 Ton	ASSACTU-12.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) 12.5-25 tons-15 Ton	ASSACTU-15	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-2 Ton	ASSACTU-2	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-2.5 Ton	ASSACTU-2.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) 12.5-25 tons-20 Ton	ASSACTU-20	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) 12.5-25 tons-25 Ton	ASSACTU-25	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-3 Ton	ASSACTU-3	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-3.5 Ton	ASSACTU-3.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-4 Ton	ASSACTU-4	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-4.5 Ton	ASSACTU-4.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-5 Ton	ASSACTU-5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-5.5 Ton	ASSACTU-5.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-6 Ton	ASSACTU-6	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-6.5 Ton	ASSACTU-6.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-7 Ton	ASSACTU-7	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-7.5 Ton	ASSACTU-7.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-8 Ton	ASSACTU-8	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-8.5 Ton	ASSACTU-8.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-9 Ton	ASSACTU-9	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage AC (Additional Unit) up to 12 tons-9.5 Ton	ASSACTU-9.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-1.5 Ton	ASSHPTU-1.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-10 Ton	ASSHPTU-10	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-10.5 Ton	ASSHPTU-10.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-11 Ton	ASSHPTU-11	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-11.5 Ton	ASSHPTU-11.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-12 Ton	ASSHPTU-12	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) 12.5-25 tons-12.5 Ton	ASSHPTU-12.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) 12.5-25 tons-15 Ton	ASSHPTU-15	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-2 Ton	ASSHPTU-2	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-2.5 Ton	ASSHPTU-2.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) 12.5-25 tons-20 Ton	ASSHPTU-20	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) 12.5-25 tons-25 Ton	ASSHPTU-25	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-3 Ton	ASSHPTU-3	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-3.5 Ton	ASSHPTU-3.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-4 Ton	ASSHPTU-4	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-4.5 Ton	ASSHPTU-4.5	\$ 350.35

Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-5 Ton	ASSHPTU-5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-5.5 Ton	ASSHPTU-5.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-6 Ton	ASSHPTU-6	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-6.5 Ton	ASSHPTU-6.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-7 Ton	ASSHPTU-7	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-7.5 Ton	ASSHPTU-7.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-8 Ton	ASSHPTU-8	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-8.5 Ton	ASSHPTU-8.5	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-9 Ton	ASSHPTU-9	\$ 350.35
Perform Test-in, Tuneup, Test-out on Single Stage HP (Additional Unit) up to 12 tons-9.5 Ton	ASSHPTU-9.5	\$ 350.35
1/15HP 115 V CCW LE 2.61" Solid shaft 1550 RPM	ECMEV-1/15-CCW-115-1S	\$ 301.71
1/15HP 115 V CCW LE 1.75" shaft 2 speed 1550/800 RPM	ECMEV-1/15-CCW-115-2S-RLS	\$ 301.71
1/15HP 208/230V CCW LE 2.61" shaft 2 speed 1550	ECMEV-1/15-CCW-208-2S	\$ 301.71
1/15HP 208/230V CCW LE 1.75" shaft 2 speed 1550/800RPM	ECMEV-1/15-CCW-208-2S-RLS	\$ 301.71
1/15HP 115V CW LE 2.61" Solid Shaft 1550 RPM	ECMEV-1/15-CW-115-1S	\$ 301.71
1/15HP 208/230V CW LE 2.61" shaft 2 speed 1550/800RPM	ECMEV-1/15-CW-208-2S	\$ 301.71
1/2HP 208/230v CW LE 1075/530 Belly Band Mount	ECMEV-1/2-CW-208-1S-BMB	\$ 497.62
1/3hp 115 V CCW LE 1 SPEED 1075 RPM BELLY BAND MOUNT	ECMEV-1/3-CCW-115-1S-BMB	\$ 416.73
1/3hp 115 V CCW LE 1 SPEED 1075 RPM WELDED BASE MOUNT	ECMEV-1/3-CCW-115-1S-WBM	\$ 453.77
1/3 HP 208/230 V CCW LE 1 SPEED 1075 RPM BELLY BAND MOUNT	ECMEV-1/3-CCW-208-1S-BMB	\$ 415.88
1/3 HP 208/230 V CCW LE 1 SPEED 1075 RPM WELDED BASE MOUNT	ECMEV-1/3-CCW-208-1S-WBM	\$ 453.77
3/4HP 208/230V CCW LE 1075RPM Belly Band Mount	ECMEV-3/4-CW-208-1S-BMB	\$ 528.27
16 watt or 1/47HP 1650 RPM CCW LE 115V Screw Shaft	ECMEV-HW-CCW-115	\$ 209.94
16 watt or 1/47HP 1650 RPM CCW LE 208V Screw Shaft	ECMEV-HW-CCW-208	\$ 213.85
16 watt or 1/47HP 1650 RPM CW LE 115V Screw Shaft	ECMEV-HW-CW-115	\$ 192.57
16 watt or 1/47HP 1650 RPM CW Lead End 208 V	ECMEV-HW-CW-208	\$ 198.92
ELT- Bracket to adjust mounting height Used on larger 1/3, 1/2 & 3/4 HP motor	ECMEV-MM-AMHB	\$ 67.20
ECM Back Mount Bracket	ECMEV-MM-BB	\$ 34.59
WB48- Welded Belly Band Mounting Bracket Used on larger 1/3, 1/2 & 3/4 HP motor	ECMEV-MM-BELLY	\$ 79.54
16W watt case motor 1650 RPM CW Lead End 115 V	ECMRI-HW-CW-115	\$ 192.57
9-12 watt case motor 1550 RPM CW Lead End 115 volt screw shaft	ECMRI-LW-CW-115	\$ 187.03
Field Diagnostic Test-in 1Stage	FDTI-1S	\$ 117.65
Field Diagnostic Test-in 2Stage	FDTI-2S	\$ 176.47
New LED 48" Fixture 10 Door Cooler Kit	LED48-10D-KIT-LE	\$ 2,300.02
New LED 48" Fixture 11 Door Cooler Kit	LED48-11D-KIT-LE	\$ 2,552.09
New LED 48" Fixture 12 Door Cooler Kit	LED48-12D-KIT-LE	\$ 2,725.91

New LED 48" Fixture 1 Door Cooler Kit	LED48-1D-KIT-LE	\$ 421.63
New LED 48" Fixture 2 Door Cooler Kit	LED48-2D-KIT-LE	\$ 591.20
New LED 48" Fixture 3 Door Cooler Kit	LED48-3D-KIT-LE	\$ 851.77
New LED 48" Fixture 4 Door Cooler Kit	LED48-4D-KIT-LE	\$ 1,102.23
New LED 48" Fixture 5 Door Cooler Kit	LED48-5D-KIT-LE	\$ 1,276.05
New LED 48" Fixture 6 Door Cooler Kit	LED48-6D-KIT-LE	\$ 1,526.50
New LED 48" Fixture 7 Door Cooler Kit	LED48-7D-KIT-LE	\$ 1,701.93
New LED 48" Fixture 8 Door Cooler Kit	LED48-8D-KIT-LE	\$ 1,952.38
New LED 48" Fixture 9 Door Cooler Kit	LED48-9D-KIT-LE	\$ 2,126.20
New LED 60" Fixture 10 Door Cooler Kit	LED60-10D-KIT-LE	\$ 2,414.12
New LED 60" Fixture 11 Door Cooler Kit	LED60-11D-KIT-LE	\$ 2,592.96
New LED 60" Fixture 12 Door Cooler Kit	LED60-12D-KIT-LE	\$ 2,846.81
New LED 60" Fixture 13 Door Cooler Kit	LED60-13D-KIT-LE	\$ 3,024.04
New LED 60" Fixture 14 Door Cooler Kit	LED60-14D-KIT-LE	\$ 3,277.90
New LED 60" Fixture 15 Door Cooler Kit	LED60-15D-KIT-LE	\$ 3,455.12
New LED 60" Fixture 16 Door Cooler Kit	LED60-16D-KIT-LE	\$ 3,628.09
New LED 60" Fixture 17 Door Cooler Kit	LED60-17D-KIT-LE	\$ 3,886.21
New LED 60" Fixture 18 Door Cooler Kit	LED60-18D-KIT-LE	\$ 4,063.43
New LED 60" Fixture 19 Door Cooler Kit	LED60-19D-KIT-LE	\$ 4,317.29
New LED 60" Fixture 1 Door Cooler Kit	LED60-1D-KIT-LE	\$ 432.70
New LED 60" Fixture 20 Door Cooler Kit	LED60-20D-KIT-LE	\$ 4,494.52
New LED 60" Fixture 2 Door Cooler Kit	LED60-2D-KIT-LE	\$ 686.56
New LED 60" Fixture 3 Door Cooler Kit	LED60-3D-KIT-LE	\$ 865.40
New LED 60" Fixture 4 Door Cooler Kit	LED60-4D-KIT-LE	\$ 1,119.25
New LED 60" Fixture 5 Door Cooler Kit	LED60-5D-KIT-LE	\$ 1,296.48
New LED 60" Fixture 6 Door Cooler Kit	LED60-6D-KIT-LE	\$ 1,550.34
New LED 60" Fixture 7 Door Cooler Kit	LED60-7D-KIT-LE	\$ 1,729.18
New LED 60" Fixture 8 Door Cooler Kit	LED60-8D-KIT-LE	\$ 1,983.03
New LED 60" Fixture 9 Door Cooler Kit	LED60-9D-KIT-LE	\$ 2,160.26
New LED 67" Fixture 10 Door Cooler Kit	LED67-10D-KIT-LE	\$ 2,374.95
New LED 67" Fixture 11 Door Cooler Kit	LED67-11D-KIT-LE	\$ 2,633.83
New LED 67" Fixture 12 Door Cooler Kit	LED67-12D-KIT-LE	\$ 2,814.46
New LED 67" Fixture 13 Door Cooler Kit	LED67-13D-KIT-LE	\$ 3,071.72
New LED 67" Fixture 14 Door Cooler Kit	LED67-14D-KIT-LE	\$ 3,252.35
New LED 67" Fixture 15 Door Cooler Kit	LED67-15D-KIT-LE	\$ 3,509.62
New LED 67" Fixture 16 Door Cooler Kit	LED67-16D-KIT-LE	\$ 3,690.25

	New LED 67" Fixture 17 Door Cooler Kit	LED67-17D-KIT-LE	\$ 3,947.51
	New LED 67" Fixture 18 Door Cooler Kit	LED67-18D-KIT-LE	\$ 4,128.14
	New LED 67" Fixture 19 Door Cooler Kit	LED67-19D-KIT-LE	\$ 4,385.40
	New LED 67" Fixture 1 Door Cooler Kit	LED67-1D-KIT-LE	\$ 447.18
	New LED 67" Fixture 20 Door Cooler Kit	LED67-20D-KIT-LE	\$ 4,566.04
	New LED 67" Fixture 2 Door Cooler Kit	LED67-2D-KIT-LE	\$ 689.11
	New LED 67" Fixture 3 Door Cooler Kit	LED67-3D-KIT-LE	\$ 879.02
	New LED 67" Fixture 4 Door Cooler Kit	LED67-4D-KIT-LE	\$ 1,136.28
	New LED 67" Fixture 5 Door Cooler Kit	LED67-5D-KIT-LE	\$ 1,316.92
	New LED 67" Fixture 6 Door Cooler Kit	LED67-6D-KIT-LE	\$ 1,574.18
	New LED 67" Fixture 7 Door Cooler Kit	LED67-7D-KIT-LE	\$ 1,756.42
	New LED 67" Fixture 8 Door Cooler Kit	LED67-8D-KIT-LE	\$ 2,013.69
	New LED 67" Fixture 9 Door Cooler Kit	LED67-9D-KIT-LE	\$ 2,194.32
	NexRev 1.5hp Fan Motor VSD and Controller (Auto) 3Kophrs	NXRV-1.5HP-AUTO-3K	\$ 2,247.08
	NexRev 1.5hp Fan Motor VSD and Controller (Auto) 4Kophrs	NXRV-1.5HP-AUTO-4K	\$ 2,247.08
	NexRev 1.5hp Fan Motor VSD and Controller (Auto) 5Kophrs	NXRV-1.5HP-AUTO-5K	\$ 2,247.08
	NexRev 1.5hp Fan Motor VSD and Controller (Continuous) 3Kophrs	NXRV-1.5HP-CONT-3K	\$ 2,247.08
	NexRev 1.5hp Fan Motor VSD and Controller (Continuous) 4Kophrs	NXRV-1.5HP-CONT-4K	\$ 2,247.08
	NexRev 1.5hp Fan Motor VSD and Controller (Continuous) 5Kophrs	NXRV-1.5HP-CONT-5K	\$ 2,247.08
	NexRev 10hp Fan Motor VSD and Controller (Auto) 3Kophrs	NXRV-10HP-AUTO-3K	\$ 3,206.28
	NexRev 10hp Fan Motor VSD and Controller (Auto) 4Kophrs	NXRV-10HP-AUTO-4K	\$ 3,206.28
	NexRev 10hp Fan Motor VSD and Controller (Auto) 5Kophrs	NXRV-10HP-AUTO-5K	\$ 3,206.28
	NexRev 10hp Fan Motor VSD and Controller (Continuous) 3Kophrs	NXRV-10HP-CONT-3K	\$ 3,206.28
	NexRev 10hp Fan Motor VSD and Controller (Continuous) 4Kophrs	NXRV-10HP-CONT-4K	\$ 3,206.28
	NexRev 10hp Fan Motor VSD and Controller (Continuous) 5Kophrs	NXRV-10HP-CONT-5K	\$ 3,206.28
	NexRev 15hp Fan Motor VSD and Controller (Auto) 3Kophrs	NXRV-15HP-AUTO-3K	\$ 3,454.46
	NexRev 15hp Fan Motor VSD and Controller (Auto) 4Kophrs	NXRV-15HP-AUTO-4K	\$ 3,454.46
	NexRev 15hp Fan Motor VSD and Controller (Auto) 5Kophrs	NXRV-15HP-AUTO-5K	\$ 3,454.46
	NexRev 15hp Fan Motor VSD and Controller (Continuous) 3Kophrs	NXRV-15HP-CONT-3K	\$ 3,454.46
	NexRev 15hp Fan Motor VSD and Controller (Continuous) 4Kophrs	NXRV-15HP-CONT-4K	\$ 3,454.46
	NexRev 15hp Fan Motor VSD and Controller (Continuous) 5Kophrs	NXRV-15HP-CONT-5K	\$ 3,454.46
	NexRev 20hp Fan Motor VSD and Controller (Auto) 3Kophrs	NXRV-20HP-AUTO-3K	\$ 3,930.71
	NexRev 20hp Fan Motor VSD and Controller (Auto) 4Kophrs	NXRV-20HP-AUTO-4K	\$ 3,930.71
	NexRev 20hp Fan Motor VSD and Controller (Auto) 5Kophrs	NXRV-20HP-AUTO-5K	\$ 3,930.71
	NexRev 20hp Fan Motor VSD and Controller (Continuous) 3Kophrs	NXRV-20HP-CONT-3K	\$ 3,930.71
	NexRev 20hp Fan Motor VSD and Controller (Continuous) 4Kophrs	NXRV-20HP-CONT-4K	\$ 3,930.71

NexRev 20hp Fan Motor VSD and Controller (Continuous) 5Kophrs	NXRV-20HP-CONT-5K	\$ 3,930.71
NexRev 2hp Fan Motor VSD and Controller (Auto) 3Kophrs	NXRV-2HP-AUTO-3K	\$ 2,247.08
NexRev 2hp Fan Motor VSD and Controller (Auto) 4Kophrs	NXRV-2HP-AUTO-4K	\$ 2,247.08
NexRev 2hp Fan Motor VSD and Controller (Auto) 5Kophrs	NXRV-2HP-AUTO-5K	\$ 2,247.08
NexRev 2hp Fan Motor VSD and Controller (Continuous) 3Kophrs	NXRV-2HP-CONT-3K	\$ 2,247.08
NexRev 2hp Fan Motor VSD and Controller (Continuous) 4Kophrs	NXRV-2HP-CONT-4K	\$ 2,247.08
NexRev 2hp Fan Motor VSD and Controller (Continuous) 5Kophrs	NXRV-2HP-CONT-5K	\$ 2,247.08
NexRev 30hp Fan Motor VSD and Controller (Auto) 3Kophrs	NXRV-30HP-AUTO-3K	\$ 4,611.54
NexRev 30hp Fan Motor VSD and Controller (Auto) 4Kophrs	NXRV-30HP-AUTO-4K	\$ 4,611.54
NexRev 30hp Fan Motor VSD and Controller (Auto) 5Kophrs	NXRV-30HP-AUTO-5K	\$ 4,611.54
NexRev 30hp Fan Motor VSD and Controller (Continuous) 3Kophrs	NXRV-30HP-CONT-3K	\$ 4,611.54
NexRev 30hp Fan Motor VSD and Controller (Continuous) 4Kophrs	NXRV-30HP-CONT-4K	\$ 4,611.54
NexRev 30hp Fan Motor VSD and Controller (Continuous) 5Kophrs	NXRV-30HP-CONT-5K	\$ 4,611.54
NexRev 3hp Fan Motor VSD and Controller (Auto) 3Kophrs	NXRV-3HP-AUTO-3K	\$ 2,394.65
NexRev 3hp Fan Motor VSD and Controller (Auto) 4Kophrs	NXRV-3HP-AUTO-4K	\$ 2,394.65
NexRev 3hp Fan Motor VSD and Controller (Auto) 5Kophrs	NXRV-3HP-AUTO-5K	\$ 2,394.65
NexRev 3hp Fan Motor VSD and Controller (Continuous) 3Kophrs	NXRV-3HP-CONT-3K	\$ 2,394.65
NexRev 3hp Fan Motor VSD and Controller (Continuous) 4Kophrs	NXRV-3HP-CONT-4K	\$ 2,394.65
NexRev 3hp Fan Motor VSD and Controller (Continuous) 5Kophrs	NXRV-3HP-CONT-5K	\$ 2,394.65
NexRev 5hp Fan Motor VSD and Controller (Auto) 3Kophrs	NXRV-5HP-AUTO-3K	\$ 2,535.51
NexRev 5hp Fan Motor VSD and Controller (Auto) 4Kophrs	NXRV-5HP-AUTO-4K	\$ 2,535.51
NexRev 5hp Fan Motor VSD and Controller (Auto) 5Kophrs	NXRV-5HP-AUTO-5K	\$ 2,535.51
NexRev 5hp Fan Motor VSD and Controller (Continuous) 3Kophrs	NXRV-5HP-CONT-3K	\$ 2,535.51
NexRev 5hp Fan Motor VSD and Controller (Continuous) 4Kophrs	NXRV-5HP-CONT-4K	\$ 2,535.51
NexRev 5hp Fan Motor VSD and Controller (Continuous) 5Kophrs	NXRV-5HP-CONT-5K	\$ 2,535.51
NexRev 7.5hp Fan Motor VSD and Controller (Auto) 3Kophrs	NXRV-7.5HP-AUTO-3K	\$ 2,683.08
NexRev 7.5hp Fan Motor VSD and Controller (Auto) 4Kophrs	NXRV-7.5HP-AUTO-4K	\$ 2,683.08
NexRev 7.5hp Fan Motor VSD and Controller (Auto) 5Kophrs	NXRV-7.5HP-AUTO-5K	\$ 2,683.08
NexRev 7.5hp Fan Motor VSD and Controller (Continuous) 3Kophrs	NXRV-7.5HP-CONT-3K	\$ 2,683.08
NexRev 7.5hp Fan Motor VSD and Controller (Continuous) 4Kophrs	NXRV-7.5HP-CONT-4K	\$ 2,683.08
NexRev 7.5hp Fan Motor VSD and Controller (Continuous) 5Kophrs	NXRV-7.5HP-CONT-5K	\$ 2,683.08
PACE4 with 3 year cellular communication (AC/GASHeat)-1.5 Ton	PACE4-ACGH-3YRCOMM-1.5	\$ 1,325.72
PACE4 with 3 year cellular communication (AC/GASHeat)-10 Ton	PACE4-ACGH-3YRCOMM-10	\$ 1,325.72
PACE4 with 3 year cellular communication (AC/GASHeat)-10.5 Ton	PACE4-ACGH-3YRCOMM-10.5	\$ 1,325.72
PACE4 with 3 year cellular communication (AC/GASHeat)-11 Ton	PACE4-ACGH-3YRCOMM-11	\$ 1,325.72

PACE4 with 3 year cellular communication (AC/GASHeat)-11.5 Ton	PACE4-ACGH-3YRCOMM-11.5	\$ 1,325.72
PACE4 with 3 year cellular communication (AC/GASHeat)-12 Ton	PACE4-ACGH-3YRCOMM-12	\$ 1,325.72
PACE4 with 3 year cellular communication (AC/GASHeat)-12.5 Ton	PACE4-ACGH-3YRCOMM-12.5	\$ 1,325.72
PACE4 with 3 year cellular communication (AC/GASHeat)-2 Ton	PACE4-ACGH-3YRCOMM-2	\$ 1,325.72
PACE4 with 3 year cellular communication (AC/GASHeat)-2.5 Ton	PACE4-ACGH-3YRCOMM-2.5	\$ 1,325.72
PACE4 with 3 year cellular communication (AC/GASHeat)-3 Ton	PACE4-ACGH-3YRCOMM-3	\$ 1,325.72
PACE4 with 3 year cellular communication (AC/GASHeat)-3.5 Ton	PACE4-ACGH-3YRCOMM-3.5	\$ 1,325.72
PACE4 with 3 year cellular communication (AC/GASHeat)-4 Ton	PACE4-ACGH-3YRCOMM-4	\$ 1,325.72
PACE4 with 3 year cellular communication (AC/GASHeat)-4.5 Ton	PACE4-ACGH-3YRCOMM-4.5	\$ 1,325.72
PACE4 with 3 year cellular communication (AC/GASHeat)-5 Ton	PACE4-ACGH-3YRCOMM-5	\$ 1,325.72
PACE4 with 3 year cellular communication (AC/GASHeat)-5.5 Ton	PACE4-ACGH-3YRCOMM-5.5	\$ 1,325.72
PACE4 with 3 year cellular communication (AC/GASHeat)-6 Ton	PACE4-ACGH-3YRCOMM-6	\$ 1,325.72
PACE4 with 3 year cellular communication (AC/GASHeat)-6.5 Ton	PACE4-ACGH-3YRCOMM-6.5	\$ 1,325.72
PACE4 with 3 year cellular communication (AC/GASHeat)-7 Ton	PACE4-ACGH-3YRCOMM-7	\$ 1,325.72
PACE4 with 3 year cellular communication (AC/GASHeat)-7.5 Ton	PACE4-ACGH-3YRCOMM-7.5	\$ 1,325.72
PACE4 with 3 year cellular communication (AC/GASHeat)-8 Ton	PACE4-ACGH-3YRCOMM-8	\$ 1,325.72
PACE4 with 3 year cellular communication (AC/GASHeat)-8.5 Ton	PACE4-ACGH-3YRCOMM-8.5	\$ 1,325.72
PACE4 with 3 year cellular communication (AC/GASHeat)-9 Ton	PACE4-ACGH-3YRCOMM-9	\$ 1,325.72
PACE4 with 3 year cellular communication (AC/GASHeat)-9.5 Ton	PACE4-ACGH-3YRCOMM-9.5	\$ 1,325.72
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-1.5 Ton	PACE4-ACGH-3YRCOMM-ADR-1.5	\$ 1,587.90
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-10 Ton	PACE4-ACGH-3YRCOMM-ADR-10	\$ 1,587.90
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-10.5 Ton	PACE4-ACGH-3YRCOMM-ADR-10.5	\$ 1,587.90
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-11 Ton	PACE4-ACGH-3YRCOMM-ADR-11	\$ 1,587.90
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-11.5 Ton	PACE4-ACGH-3YRCOMM-ADR-11.5	\$ 1,587.90
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-12 Ton	PACE4-ACGH-3YRCOMM-ADR-12	\$ 1,587.90
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-12.5 Ton	PACE4-ACGH-3YRCOMM-ADR-12.5	\$ 1,587.90
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-2 Ton	PACE4-ACGH-3YRCOMM-ADR-2	\$ 1,587.90
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-2.5 Ton	PACE4-ACGH-3YRCOMM-ADR-2.5	\$ 1,587.90
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-3 Ton	PACE4-ACGH-3YRCOMM-ADR-3	\$ 1,587.90
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-3.5 Ton	PACE4-ACGH-3YRCOMM-ADR-3.5	\$ 1,587.90

PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-4 Ton	PACE4-ACGH-3YRCOMM-ADR-4	\$ 1,587.90
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-4.5 Ton	PACE4-ACGH-3YRCOMM-ADR-4.5	\$ 1,587.90
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-5 Ton	PACE4-ACGH-3YRCOMM-ADR-5	\$ 1,587.90
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-5.5 Ton	PACE4-ACGH-3YRCOMM-ADR-5.5	\$ 1,587.90
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-6 Ton	PACE4-ACGH-3YRCOMM-ADR-6	\$ 1,587.90
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-6.5 Ton	PACE4-ACGH-3YRCOMM-ADR-6.5	\$ 1,587.90
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-7 Ton	PACE4-ACGH-3YRCOMM-ADR-7	\$ 1,587.90
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-7.5 Ton	PACE4-ACGH-3YRCOMM-ADR-7.5	\$ 1,587.90
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-8 Ton	PACE4-ACGH-3YRCOMM-ADR-8	\$ 1,587.90
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-8.5 Ton	PACE4-ACGH-3YRCOMM-ADR-8.5	\$ 1,587.90
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-9 Ton	PACE4-ACGH-3YRCOMM-ADR-9	\$ 1,587.90
PACE4 with 3 year cellular communication and ADR capabilities (AC/GASHeat)-9.5 Ton	PACE4-ACGH-3YRCOMM-ADR-9.5	\$ 1,587.90
PACE4 Standalone (AC/GASHeat)-1.5 Ton	PACE4-ACGH-SA-1.5	\$ 1,207.27
PACE4 Standalone (AC/GASHeat)-10 Ton	PACE4-ACGH-SA-10	\$ 1,207.27
PACE4 Standalone (AC/GASHeat)-10.5 Ton	PACE4-ACGH-SA-10.5	\$ 1,207.27
PACE4 Standalone (AC/GASHeat)-11 Ton	PACE4-ACGH-SA-11	\$ 1,207.27
PACE4 Standalone (AC/GASHeat)-11.5 Ton	PACE4-ACGH-SA-11.5	\$ 1,207.27
PACE4 Standalone (AC/GASHeat)-12 Ton	PACE4-ACGH-SA-12	\$ 1,207.27
PACE4 Standalone (AC/GASHeat)-12.5 Ton	PACE4-ACGH-SA-12.5	\$ 1,207.27
PACE4 Standalone (AC/GASHeat)-2 Ton	PACE4-ACGH-SA-2	\$ 1,207.27
PACE4 Standalone (AC/GASHeat)-2.5 Ton	PACE4-ACGH-SA-2.5	\$ 1,207.27
PACE4 Standalone (AC/GASHeat)-3 Ton	PACE4-ACGH-SA-3	\$ 1,207.27
PACE4 Standalone (AC/GASHeat)-3.5 Ton	PACE4-ACGH-SA-3.5	\$ 1,207.27
PACE4 Standalone (AC/GASHeat)-4 Ton	PACE4-ACGH-SA-4	\$ 1,207.27
PACE4 Standalone (AC/GASHeat)-4.5 Ton	PACE4-ACGH-SA-4.5	\$ 1,207.27
PACE4 Standalone (AC/GASHeat)-5 Ton	PACE4-ACGH-SA-5	\$ 1,207.27
PACE4 Standalone (AC/GASHeat)-5.5 Ton	PACE4-ACGH-SA-5.5	\$ 1,207.27
PACE4 Standalone (AC/GASHeat)-6 Ton	PACE4-ACGH-SA-6	\$ 1,207.27
PACE4 Standalone (AC/GASHeat)-6.5 Ton	PACE4-ACGH-SA-6.5	\$ 1,207.27
PACE4 Standalone (AC/GASHeat)-7 Ton	PACE4-ACGH-SA-7	\$ 1,207.27

	PACE4 Standalone (AC/GASHeat)-7.5 Ton	PACE4-ACGH-SA-7.5	\$ 1,207.27
	PACE4 Standalone (AC/GASHeat)-8 Ton	PACE4-ACGH-SA-8	\$ 1,207.27
	PACE4 Standalone (AC/GASHeat)-8.5 Ton	PACE4-ACGH-SA-8.5	\$ 1,207.27
	PACE4 Standalone (AC/GASHeat)-9 Ton	PACE4-ACGH-SA-9	\$ 1,207.27
	PACE4 Standalone (AC/GASHeat)-9.5 Ton	PACE4-ACGH-SA-9.5	\$ 1,207.27
	PACE4 with 3 year cellular communication (Heat Pump)-1.5 Ton	PACE4-HP-3YRCOMM-1.5	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-10 Ton	PACE4-HP-3YRCOMM-10	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-10.5 Ton	PACE4-HP-3YRCOMM-10.5	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-11 Ton	PACE4-HP-3YRCOMM-11	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-11.5 Ton	PACE4-HP-3YRCOMM-11.5	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-12 Ton	PACE4-HP-3YRCOMM-12	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-12.5 Ton	PACE4-HP-3YRCOMM-12.5	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-2 Ton	PACE4-HP-3YRCOMM-2	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-2.5 Ton	PACE4-HP-3YRCOMM-2.5	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-3 Ton	PACE4-HP-3YRCOMM-3	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-3.5 Ton	PACE4-HP-3YRCOMM-3.5	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-4 Ton	PACE4-HP-3YRCOMM-4	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-4.5 Ton	PACE4-HP-3YRCOMM-4.5	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-5 Ton	PACE4-HP-3YRCOMM-5	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-5.5 Ton	PACE4-HP-3YRCOMM-5.5	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-6 Ton	PACE4-HP-3YRCOMM-6	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-6.5 Ton	PACE4-HP-3YRCOMM-6.5	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-7 Ton	PACE4-HP-3YRCOMM-7	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-7.5 Ton	PACE4-HP-3YRCOMM-7.5	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-8 Ton	PACE4-HP-3YRCOMM-8	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-8.5 Ton	PACE4-HP-3YRCOMM-8.5	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-9 Ton	PACE4-HP-3YRCOMM-9	\$ 1,325.72
	PACE4 with 3 year cellular communication (Heat Pump)-9.5 Ton	PACE4-HP-3YRCOMM-9.5	\$ 1,325.72
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-1.5 Ton	PACE4-HP-3YRCOMM-ADR-1.5	\$ 1,587.90
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-10 Ton	PACE4-HP-3YRCOMM-ADR-10	\$ 1,587.90
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-10.5 Ton	PACE4-HP-3YRCOMM-ADR-10.5	\$ 1,587.90
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-11 Ton	PACE4-HP-3YRCOMM-ADR-11	\$ 1,587.90

	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-11.5 Ton	PACE4-HP-3YRCOMM-ADR-11.5	\$ 1,587.90
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-12 Ton	PACE4-HP-3YRCOMM-ADR-12	\$ 1,587.90
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-12.5 Ton	PACE4-HP-3YRCOMM-ADR-12.5	\$ 1,587.90
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-2 Ton	PACE4-HP-3YRCOMM-ADR-2	\$ 1,587.90
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-2.5 Ton	PACE4-HP-3YRCOMM-ADR-2.5	\$ 1,587.90
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-3 Ton	PACE4-HP-3YRCOMM-ADR-3	\$ 1,587.90
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-3.5 Ton	PACE4-HP-3YRCOMM-ADR-3.5	\$ 1,587.90
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-4 Ton	PACE4-HP-3YRCOMM-ADR-4	\$ 1,587.90
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-4.5 Ton	PACE4-HP-3YRCOMM-ADR-4.5	\$ 1,587.90
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-5 Ton	PACE4-HP-3YRCOMM-ADR-5	\$ 1,587.90
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-5.5 Ton	PACE4-HP-3YRCOMM-ADR-5.5	\$ 1,587.90
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-6 Ton	PACE4-HP-3YRCOMM-ADR-6	\$ 1,587.90
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-6.5 Ton	PACE4-HP-3YRCOMM-ADR-6.5	\$ 1,587.90
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-7 Ton	PACE4-HP-3YRCOMM-ADR-7	\$ 1,587.90
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-7.5 Ton	PACE4-HP-3YRCOMM-ADR-7.5	\$ 1,587.90
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-8 Ton	PACE4-HP-3YRCOMM-ADR-8	\$ 1,587.90
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-8.5 Ton	PACE4-HP-3YRCOMM-ADR-8.5	\$ 1,587.90
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-9 Ton	PACE4-HP-3YRCOMM-ADR-9	\$ 1,587.90
	PACE4 with 3 year cellular communication and ADR capabilities (Heat Pump)-9.5 Ton	PACE4-HP-3YRCOMM-ADR-9.5	\$ 1,587.90
	PACE4 Standalone (Heat Pump)-1.5 Ton	PACE4-HP-SA-1.5	\$ 1,207.27
	PACE4 Standalone (Heat Pump)-10 Ton	PACE4-HP-SA-10	\$ 1,207.27
	PACE4 Standalone (Heat Pump)-10.5 Ton	PACE4-HP-SA-10.5	\$ 1,207.27
	PACE4 Standalone (Heat Pump)-11 Ton	PACE4-HP-SA-11	\$ 1,207.27
	PACE4 Standalone (Heat Pump)-11.5 Ton	PACE4-HP-SA-11.5	\$ 1,207.27
	PACE4 Standalone (Heat Pump)-12 Ton	PACE4-HP-SA-12	\$ 1,207.27
	PACE4 Standalone (Heat Pump)-12.5 Ton	PACE4-HP-SA-12.5	\$ 1,207.27
	PACE4 Standalone (Heat Pump)-2 Ton	PACE4-HP-SA-2	\$ 1,207.27

	PACE4 Standalone (Heat Pump)-2.5 Ton	PACE4-HP-SA-2.5	\$ 1,207.27
	PACE4 Standalone (Heat Pump)-3 Ton	PACE4-HP-SA-3	\$ 1,207.27
	PACE4 Standalone (Heat Pump)-3.5 Ton	PACE4-HP-SA-3.5	\$ 1,207.27
	PACE4 Standalone (Heat Pump)-4 Ton	PACE4-HP-SA-4	\$ 1,207.27
	PACE4 Standalone (Heat Pump)-4.5 Ton	PACE4-HP-SA-4.5	\$ 1,207.27
	PACE4 Standalone (Heat Pump)-5 Ton	PACE4-HP-SA-5	\$ 1,207.27
	PACE4 Standalone (Heat Pump)-5.5 Ton	PACE4-HP-SA-5.5	\$ 1,207.27
	PACE4 Standalone (Heat Pump)-6 Ton	PACE4-HP-SA-6	\$ 1,207.27
	PACE4 Standalone (Heat Pump)-6.5 Ton	PACE4-HP-SA-6.5	\$ 1,207.27
	PACE4 Standalone (Heat Pump)-7 Ton	PACE4-HP-SA-7	\$ 1,207.27
	PACE4 Standalone (Heat Pump)-7.5 Ton	PACE4-HP-SA-7.5	\$ 1,207.27
	PACE4 Standalone (Heat Pump)-8 Ton	PACE4-HP-SA-8	\$ 1,207.27
	PACE4 Standalone (Heat Pump)-8.5 Ton	PACE4-HP-SA-8.5	\$ 1,207.27
	PACE4 Standalone (Heat Pump)-9 Ton	PACE4-HP-SA-9	\$ 1,207.27
	PACE4 Standalone (Heat Pump)-9.5 Ton	PACE4-HP-SA-9.5	\$ 1,207.27
	Transformative Wave Catalyst VSD/Economizer/DCV retrofit 10 Ton AC/GH	TWC-ACGH-SA-10T	\$ 6,323.09
	Transformative Wave Catalyst VSD/Economizer/DCV retrofit 12.5 Ton AC/GH	TWC-ACGH-SA-12.5T	\$ 6,891.03
	Transformative Wave Catalyst VSD/Economizer/DCV retrofit 15 Ton AC/GH	TWC-ACGH-SA-15T	\$ 8,014.39
	Transformative Wave Catalyst VSD/Economizer/DCV retrofit 20 Ton AC/GH	TWC-ACGH-SA-20T	\$ 8,804.75
	Transformative Wave Catalyst VSD/Economizer/DCV retrofit 25 Ton AC/GH	TWC-ACGH-SA-25T	\$ 9,876.54
	Transformative Wave Catalyst VSD/Economizer/DCV retrofit 7.5 Ton AC/GH	TWC-ACGH-SA-7.5T	\$ 6,323.09
	Transformative Wave Catalyst VSD/Economizer/DCV retrofit 10 Ton Heat Pump	TWC-HP-SA-10T	\$ 6,323.09
	Transformative Wave Catalyst VSD/Economizer/DCV retrofit 12.5 Ton Heat Pump	TWC-HP-SA-12.5T	\$ 7,080.85
	Transformative Wave Catalyst VSD/Economizer/DCV retrofit 15 Ton Heat Pump	TWC-HP-SA-15T	\$ 8,204.22
	Transformative Wave Catalyst VSD/Economizer/DCV retrofit 20 Ton Heat Pump	TWC-HP-SA-20T	\$ 8,809.75
	Transformative Wave Catalyst VSD/Economizer/DCV retrofit 25 Ton Heat Pump	TWC-HP-SA-25T	\$ 9,876.54
	Transformative Wave Catalyst VSD/Economizer/DCV retrofit 7.5 Ton Heat Pump	TWC-HP-SA-7.5T	\$ 6,323.09

#	Measure	Description	Total Costs
4.00	SkyCool Panel Install	SkyCool - 4 Panel	\$ 9,419.71
5.00	SkyCool Panel Install	SkyCool - 5 Panel	\$ 10,061.14
6.00	SkyCool Panel Install	SkyCool - 6 Panel	\$ 10,704.54
8.00	SkyCool Panel Install	SkyCool - 8 Panel	\$ 11,983.84
9.00	SkyCool Panel Install	SkyCool - 9 Panel	\$ 12,623.96
10.00	SkyCool Panel Install	SkyCool - 10 Panel	\$ 13,263.35
12.00	SkyCool Panel Install	SkyCool - 12 Panel	\$ 14,536.60

14.00	SkyCool Panel Install	SkyCool - 14 Panel	\$ 15,807.94
15.00	SkyCool Panel Install	SkyCool - 15 Panel	\$ 16,444.90
16.00	SkyCool Panel Install	SkyCool - 16 Panel	\$ 17,081.52
18.00	SkyCool Panel Install	SkyCool - 18 Panel	\$ 18,350.12
20.00	SkyCool Panel Install	SkyCool - 20 Panel	\$ 19,617.68
25.00	SkyCool Panel Install	SkyCool - 25 Panel	\$ 22,788.62
30.00	SkyCool Panel Install	SkyCool - 30 Panel	\$ 25,951.83
35.00	SkyCool Panel Install	SkyCool - 35 Panel	\$ 29,112.03
40.00	SkyCool Panel Install	SkyCool - 40 Panel	\$ 32,273.59
45.00	SkyCool Panel Install	SkyCool - 45 Panel	\$ 35,429.45
50.00	SkyCool Panel Install	SkyCool - 50 Panel	\$ 38,583.68
55.00	SkyCool Panel Install	SkyCool - 55 Panel	\$ 41,740.27
60.00	SkyCool Panel Install	SkyCool - 60 Panel	\$ 44,891.90
65.00	SkyCool Panel Install	SkyCool - 65 Panel	\$ 48,042.48
70.00	SkyCool Panel Install	SkyCool - 70 Panel	\$ 51,195.86
75.00	SkyCool Panel Install	SkyCool - 75 Panel	\$ 54,344.66
80.00	SkyCool Panel Install	SkyCool - 80 Panel	\$ 57,492.70
85.00	SkyCool Panel Install	SkyCool - 85 Panel	\$ 60,643.80
90.00	SkyCool Panel Install	SkyCool - 90 Panel	\$ 63,790.53
95.00	SkyCool Panel Install	SkyCool - 95 Panel	\$ 66,936.68
100.00	SkyCool Panel Install	SkyCool - 100 Panel	\$ 70,086.05

Date: April 4, 2019

Project Description: Contractor Administered Commercial Building Energy Audit and Efficiency Improvement Plan Development, Implementation Program

Participating SCPPA Member(s) (if applicable): City of Riverside – Utilities

Contractor: Muni-Fed Partner Energy, LLC

SCPPA Resolution No.: 2017-070

SCPPA Extension Resolution No.: not applicable

Contractor, SCPPA and the participating Member(s) (“Participant(s)”) identified above (if any) agree that Contractor shall provide the Services specified herein pursuant to the terms and conditions of the Professional Services Agreement (“Agreement”) between SCPPA and Contractor dated July 20, 2017, except as specifically modified herein.

Scope of Services

Effective from July 1, 2019 to June 30, 2020.

Contractor shall administer the Key Account Energy Efficiency Program further described in Exhibit A-1, “Scope of Services” (or “Services”). Detailed procedures and practices to be followed while performing the Scope of Services, including completion acceptance, shall be as set forth in the Scope of Services or a subsequent task order issued thereunder.

The pricing represented on Exhibit A-1, “Scope of Services” reflects the 33% discount that Muni-Fed Partner Energy, LLC offers to SCPPA members vs. Non-SCPPA members.

Compensation and Schedule

Key Account Energy Efficiency Program expenses shall not exceed \$200,000.00

Representative(s) of Participating Member(s)

Ryan Gleason
Riverside Public Utilities
3750 University Ave. 3rd Floor
Riverside, CA 92051
Phone # 951.826.5669
rgleason@riversideca.gov

Amendment(s) to the Agreement - none

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties have signed this Task Order as of the date first written above.

SOUTHERN CALIFORNIA PUBLIC POWER AUTHORITY

By: _____
Michael S. Webster

Executive Director

Approved as to Legal Form and Content:

Richard J. Morillo
General Counsel

and;

Muni-Fed Partner Energy, LLC

By: _____
Tony Liou
President

Participant's Acknowledgement and Agreement

The undersigned hereby attests that he has the requisite authority to bind the Participant to the obligations set forth in the Task Order and Participant agrees to reimburse SCPPA for all fees and expenses invoiced by Contractor and will be responsible for all payment obligations incurred by SCPPA in connection with the work performed at the direction of or on behalf of Participant. Participant agrees to hold SCPPA and all other SCPPA members harmless for payment for work performed at the direction of, and for the exclusive benefit of Participant.

City of Riverside - Utilities

By: _____
Al Zelinka, FAICP
City Manager

Certified as to Availability of Funds:

Approved as to form:

By: _____
Finance Director

By: Susan Wilson
Assistant City Attorney

Exhibit A-1

Scope of Services

The Participating Member desires to develop and implement energy savings plans or programs (“Energy Plan or Plans”) and offer a comprehensive Energy Audit (“Audit”) to its top Customers (“Customer”). The main goal of the energy plan is to help Member Customers implement energy efficiency improvements that result in a reduction in electricity (kWh) consumption and reduce peak demand (kW). An Audit provides a comprehensive review of the energy consumption associated with the respective property or properties of Customers, including the energy and resource consuming infrastructures. Audits highlight areas within the property that contain cost savings opportunities as well as identifying measures to potentially improve the comfort and quality of the building environment.

The Audit will address the current total energy cost, electrical usage, summary of present equipment and operations, plus a general evaluation of potential measures to save energy.

Based on the Audit, the Utility’s goal is to create an Energy Plan for each of these Customers that both the Member and Customer can use as a guide to implement Energy Efficiency Measures (“EEM’s”) and monitor progress while achieving its objectives.

Below is an outline of the Tasks and associated practices to be employed by Contractor throughout the term of the Agreement.

Task 1: Basic Energy Assessments, or Tier I Assessments

Basic Energy Assessment or Tier I Assessment Procedures

1. Perform a utility bill analysis based on historical data
 - a. Identify temperature dependent and independent usage
2. Conduct an on-site survey of the Customers subject property
 - a. Collect equipment data for the major energy using systems and equipment including:
 - i. Lighting systems
 - ii. Electric space heating, cooling and ventilation
 - iii. General plug and process loads
 - iv. Other electricity-using systems as applicable
 - b. Review the condition of the building envelope (building exterior)
 - c. Review operating hours
3. Identify potential Energy Efficiency Measures
4. Identify rebates and incentives
5. Estimate potential energy savings
6. Create and deliver a report

Task 2: Tier II Energy Audit

Tier II Energy Audit Procedures

1. Perform a utility bill analysis based on historical data:
 - a. Analysis of the utility service feeds (electric only)
 - b. Analysis of the areas and processes served by each meter
 - c. Spreadsheet analysis of the data and load profiles
 - d. Analysis of local weather data
 - e. Determination of average load factors
 - f. Analysis of the billing tariff rate schedules
 - g. Obtain an Energy Star Portfolio Manager Rating if possible
2. Conduct an on-site survey of the subject properties:
 - a. Collect nameplate data for the major energy using systems and equipment including:
 - i. Lighting systems
 - ii. Electric space heating, cooling and ventilation
 - iii. General plug and process loads
 - iv. Other electricity-using systems as applicable
 - b. Review as-built construction drawings if available
 - c. Review the condition of the building envelope (building exterior)
 - d. Conduct interviews with facility managers and other facility staff to determine areas of concern and areas of opportunity
 - e. Examine current controls
 - f. Collect system and occupancy operating schedules
 - g. Install data loggers and or set up trends trough control systems for creating system and equipment baseline profiles when required.
3. Perform energy true-up for the subject property. Using collected data, information collected from the utility bill analysis, staff interviews, site visitation, and baseline calculations, annual estimates of energy usage by load will be developed and analyzed using eQuest or other energy simulation software or spreadsheet temperature bin analysis. Simulated load profiles will be calibrated and compared with latest metered data
4. Identify possible Energy Efficiency Measures (EEMs) and associated scope of work for the subject property
 - a. Electricity use reduction
 - b. Fuel use reduction
 - c. Building envelope improvements
 - d. Equipment repair or replacement
5. Provide savings calculations and analyses of the identified EEMs and estimate the annual electricity savings associated with the implementation of the measures.
6. Identify and estimate rebates and incentives available from the local utility, local municipality and federal government.
7. Generate a written report documenting the findings. The report will contain an executive summary, facility description, energy balance, and a technical and cost analysis of the identified EEMs. A summary table of EEMs will be provided presenting estimates of installation cost, energy savings, cost savings, possible incentives, and simple payback period.

Task 3: Project /Construction/Financial Management

Provide assistance to the Customer to prepare for implementation of the EEM's recommended by an audit. Coordinate the design and construction team for developing scope of work, preparing bid documents, reviewing bids, reviewing shop drawings and submittals, responding to RFIs, reviewing payment applications and reviewing project closeout documents.

In the event Customer utilizes the PACE financing program to implement its EEM's to the extent said financing includes the cost of the work performed hereunder, upon a Contractor's receipt of final payment for implementing EEM's selected by Customer pursuant to the Energy Plan, **Contractor will reimburse Member** for the all those costs billed previously for the associated Tier I & II energy audits and Basic Assessment, as may be applicable.

Task 4: Performance Specifications

Develop performance specifications for the Energy Efficiency Measures (as selected by the Customer) to be implemented at the subject property. Provide manufacturer cut sheets and supporting documentation to illustrate design intent of selected EEMs to be included in the project scope of work. Develop master format specifications for all selected EEMs for inclusion in Project Manual for permitting and construction purposes.

Task 5: MEP Engineering

Develop engineering drawings and specifications for mechanical, plumbing, and electrical systems to be included in the project scope of work. Provide detailed documentation needed for building department approvals and for bidding/construction purposes.

Compensation and Schedule

Task 1: Basic Energy Assessment or Tier I: \$3,000

Task 2: Tier II Pricing Matrix suggested pricing guideline. Actual pricing will be further updated based on anticipated scope of work on a project basis:

Space Type	Building Size (sf)		Base	\$/SF	Low	High
Office, Limited Service Hotel, School, Municipal*	1	50,000	\$2,000	0.07	\$2,000	\$5,500
	50,001	150,000	\$3,000	0.06	\$6,000	\$12,000
	150,001	500,000	\$4,000	0.04	\$10,000	\$24,000
Full Service Hotels	1	50,000	\$3,000	0.07	\$3,000	\$6,500
	50,001	150,000	\$4,000	0.06	\$7,000	\$13,000
	150,001	500,000	\$5,000	0.04	\$11,000	\$25,000
Medical and Laboratory	1	50,000	\$3,000	0.09	\$3,000	\$7,500
	50,001	150,000	\$4,000	0.08	\$8,000	\$16,000
	150,001	500,000	\$5,000	0.07	\$15,500	\$40,000
Retail	1	50,000	\$2,000	0.08	\$2,000	\$6,000
	50,001	150,000	\$3,000	0.07	\$6,500	\$13,500
	150,001	500,000	\$4,500	0.06	\$13,500	\$34,500
Warehouse space	1	50,000	\$2,000	0.05	\$2,000	\$4,500
	50,001	150,000	\$2,500	0.04	\$4,500	\$8,500
	150,001	500,000	\$4,000	0.03	\$8,500	\$19,000

Additional Space Type: Industrial/Manufacturing

Space Type	Building Size (sf)		Base	\$/SF	Low	High
Industrial/Manufacturing	1	50,000	\$3,000	0.10	\$4,000	\$8,500
	50,001	150,000	\$4,000	0.09	\$9,000	\$18,000
	150,001	500,000	\$5,000	0.07	\$19,000	\$50,000

Task 3, Task 4, Task 5 Bill Rates:

Admin/Field Technician	\$60
Engineer I	\$90
Engineer II	\$110
Engineer III	\$140
Senior Energy Engineer	\$185
Project Manager I	\$110
Project Manager II	\$140
Senior Project Manager	\$185
Principal	\$225

Task Order RPU03

Date: 08-Apr-2019 (to be completed by Oracle).

Project Description: Services under the Master Professional Services Agreement between Southern California Public Power Authority and Oracle America, Inc., dated July 1, 2014, as amended (the "Agreement").

Participating SCPPA Member(s) (if applicable): City of Riverside-Utilities

Contractor: Oracle America, Inc.

SCPPA Contract No.: 2017-059

Oracle Contract No.: US-OPower-PSA-16344515-01-JUL-2014

Contractor, SCPPA and the participating Member(s) ("Participant(s)") identified above (if any) agree that Contractor shall provide the Services specified herein pursuant to the terms and conditions of the Agreement.

Scope of Services

Consulting / Professional Services Fees	Quantity	Term	Net Fee
B87563 - Oracle Utilities Opower Basic Service Bundle Fee	1	12 mo	81,912.00
B85642 - Oracle Consulting Professional Services Estimated Travel and Expense	4	N/A	2,000.00
Other Fees			83,912.00

Expansion at Renewal Term: 30-Jun-2020

Service Period: 12 months					
Cloud Services	Data Center Region	Quantity	Term	Unit Net Price	Net Fee
B89130 - Oracle Utilities Opower Energy Efficiency Cloud Service and Report Generation - 100 in Customer Count	NORTH AMERICA	240	12 mo	36.91	106,310.40
B89347 - Oracle Utilities Opower Channel Fee - Printing & Mailing Services Placed in U.S. Mail - F.O.B. Place of Shipment - Outside of Destination State (California, USA) - Report	NORTH AMERICA	96000	12 mo	0.13	12,192.00
B89132 - Oracle Utilities Opower Channel Fee - Postage for Print & Mail - No Mark Up (USA) - Report	NORTH AMERICA	96000	12 mo	0.29	27,648.00
Subtotal					146,150.40

Fee Description	Net Fee
Cloud Services Fees	146,150.40
Consulting / Professional Services Fees	83,912.00

Fee Description	Net Fee
Net Fees	230,062.40
Total Fees	230,062.40

A. Terms of Your Order

1. Agreement

a. US-OPower-PSA-16344515-01-JUL-2014, as amended (hereinafter referred to the "Agreement")

2. Payment Terms:

a. Net 60 days from invoice date.

b. SCPPA is required to pay Contractor in accordance with these payment terms whether or not it receives reimbursement from Participant. If SCPPA does not pay Contractor in accordance with the payment terms, Contractor has entitlement to the payment from Participant.

3. Payment Frequency:

Cloud Services Payment Frequency:

Quarterly in Arrears for Cloud Services

Consulting/Professional Services Payment Frequency:

Unless otherwise specified in services descriptions applicable to the consulting/professional services You have ordered, the fees for services and any applicable taxes may be invoiced after the performance of service for fixed fee services. You are responsible for payment of expenses, if any. Expenses will be invoiced monthly as they are incurred and are due within 60 days from the invoice date.

OPower Consulting/Professional Service Bundle Fee Payment Frequency

Notwithstanding the Consulting/Professional Services Payment Frequency clause above, the Payment Frequency applicable to your Cloud Services shall also apply to any "Service Bundle Fee" services on Your order. You are responsible for payment of expenses, if any. Expenses will be invoiced monthly as they are incurred and are due within 60 days from the invoice date.

4. Currency:

US Dollars

5. Offer Valid through:

20-JUL-2019

6. Services Period

The Services Period for the Services commences on the date stated in this order. If no date is specified, then the "Cloud Services Start Date" for each Service will be the date that you are issued access that enables you to activate your Services, and the "Consulting/Professional Services Start Date" is the date that Oracle begins performing such services.

7. Service Specifications and Order Terms

The Service Specifications applicable to the Cloud Services and the Consulting/Professional Services ordered may be accessed at <http://www.oracle.com/contracts>.

"Service Specifications" means the following documents, as applicable to the Services under Your order: (a) the Oracle Cloud Hosting and Delivery Policies, the Program Documentation, the Oracle service descriptions, and the Data Processing Agreement described in this Agreement, all of which are available at www.oracle.com/contracts; (b) Oracle's privacy policies; and (c) any other Oracle documents that are referenced in or incorporated into Your order. The following do not apply to any non-cloud Oracle Services acquired in Your order, such as professional services: the Oracle Cloud Hosting and Delivery Policies, Program Documentation, and the Data Processing Agreement. The following do not apply to any Oracle Software: the Cloud Hosting and Delivery Policies, Oracle service descriptions, and the Data Processing Agreement.

All Services listed on this order are provided by Oracle under, and subject to, the terms of this order, including the Agreement and all Oracle documents referenced in this order. As applicable, Oracle processes a customer's order after receipt of a purchase order or a valid credit card. Any terms and conditions on Your purchase order are void and have no legal effect. For Cloud Services, You may not reduce the quantity of Services purchased hereunder (e.g., user or record counts, storage, etc.), in whole or in part, during the Services Period set forth above. Once placed, Your order is non-cancelable and the sums paid nonrefundable, except as otherwise provided herein or in the Agreement.

8. No Auto-Renewal

Notwithstanding any statement to the contrary in the Service Specifications, the parties expressly agree that the Services acquired under this order will not Auto-Renew.

B. Additional Order Terms

1. Rights Granted / Restrictions for Consulting/Professional Services

The following language applies to Cloud Consulting/Professional Services only.

Notwithstanding any other rights granted and/or restrictions provisions in the Agreement or any Service Description, for the purposes of this order, the following provision is the sole provision under which You are granted rights to use services and deliverables provided under this order.

For the duration of the Services Period applicable to Your related Cloud Services order and subject to Your payment obligations, You have the non-exclusive, non-assignable, royalty free, worldwide limited right to access and use the services that You ordered under this order, including anything developed by Oracle and delivered to You as part of such services ("deliverables"), solely for Your internal business operations and subject to the terms of the agreement (excluding any perpetual license grants) and this order, including any Service Description(s). You may allow Your users to use the services and deliverables for this purpose and You are responsible for Your users' compliance with this order. Oracle or its licensors retain all ownership and intellectual property rights to the services, including deliverables, and derivative works thereof. You do not acquire any right or license to use, or allow Your users to use, the services or deliverables in excess of the scope of the services and/or duration of the Services Period.

2. Segmentation

The purchase of Cloud Services, Professional Services, or other service offerings, programs or products are all separate offers and separate from any other order. You understand that You may purchase Cloud Services, Professional Services, or other service offerings, programs or products independently of any other order. Your obligation to pay under any order is not contingent on performance of any other service offerings or delivery of programs or products.

3. Data Processing Agreement

Oracle's Data Processing Agreement for Oracle Cloud Services (the "Data Processing Agreement"), which is available at <http://www.oracle.com/dataprocessingagreement>, is incorporated herein by reference and describes the parties' respective roles for the processing and control of Personal Data (as that term is defined in the Data Processing Agreement) that Customer provides to Oracle as part of the Cloud Services except to the extent otherwise specified in this order.

4. Data Protection for Oracle Cloud Consulting/Professional Services

Notwithstanding any terms or conditions in the Agreement, this paragraph describes Oracle's entire rights and obligations regarding data privacy, data security, and data protection when performing the Oracle Cloud Consulting/Professional Services ordered herein. Oracle will comply with the (a) Oracle Services Privacy Policy and (b) Oracle Consulting & Advanced Customer Support Security Practices. The Services Privacy Policy is available at <http://www.oracle.com/legal/privacy/services-privacy-policy.html> and is incorporated herein by reference. The Oracle Consulting & Advanced Customer Support Security Practices are available under the "Consulting Services" and "Advanced Customer Support" categories at <http://www.oracle.com/contracts> and are incorporated herein by reference. During the Services Period, Oracle may update the policy and practices to reflect changes in, among other things, laws, regulations, rules, technology, and industry practices. Such updates will not materially reduce the level of performance, functionality, security, or availability of the Oracle Cloud Professional Services during the Services Period. You agree to restrict Oracle's access to any content or information that imposes privacy, security or regulatory obligations greater than those specified in this order.

5. Assumptions and obligations for Consulting/Professional Services:

Upon Oracle's reasonable request, You agree to provide Oracle access to relevant resources with knowledge to support the performance of the services.

You will provide for all Oracle resources performing services at Your location, a safe and healthful workspace (e.g., a workspace that is free from recognized hazards that are causing, or likely to cause, death or serious physical harm, a workspace that has proper ventilation, sound levels acceptable for resources performing services in the workspace, and ergonomically correct work stations, etc.

C. Modifications to the Agreement -- for purposes of this order

1. Compliance with Laws

Delete the second sentence of Section 3 (Standard of Care) of the Agreement and replace it with the following:

"Oracle shall comply with all applicable federal, state, county, and local laws to the extent that such laws, by their terms, are expressly applicable to Oracle's delivery of services under this Agreement and impose obligations directly upon Oracle in its role as an information technology services provider with respect to the services performed under this Agreement. Notwithstanding the foregoing sentence, to the extent You may provide Oracle access to health, payment card or other sensitive personal information that requires the application of specific regulatory, legal or industry data security obligations, You agree to specify such security obligations in the applicable order for Services. Your data may be maintained in one of several Oracle data centers globally and/or accessed by Oracle's global personnel as required to perform Services under this Agreement. You remain responsible for providing any notices and obtaining any consents necessary for Oracle to access and process Your data as specified in the applicable order for Services."

2. Dispute Resolution

Delete the second sentence of Section 14 (Dispute Resolution) of the Agreement and replace it with the following:

"If the mediation does not settle any dispute or action which arises under this Agreement or which relates in any way to this Agreement or the subject matter of this Agreement, the Parties may pursue their rights and remedies in a court of competent jurisdiction."

Compensation and Schedule

Representative(s) of Participating Member(s)

Ryan McManus
Riverside Public Utilities
3750 University Ave. 3rd Floor
Riverside, CA 92051
Phone: (951) 826-5170
Email: rmcmanus@riversideca.gov

Amendment(s) to the Agreement

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties have signed this Task Order as of the date first written above.

SOUTHERN CALIFORNIA PUBLIC POWER AUTHORITY

By: _____
MICHAEL S. WEBSTER
Executive Director

Approved as to Legal Form and Content

By: _____
Daniel S. Hashimi
General Counsel

and;

Oracle America, Inc.

By: _____
Name: Angelica Bonilla Miranda
Title: Manager - NAMER Deal Management

Signature Date: 08-Apr-2019 | 7:03 AM PDT

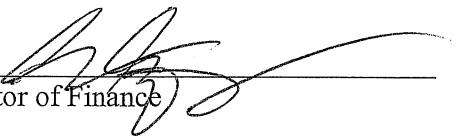
Participant's Acknowledgement and Agreement

By signing this Task Order, Participant agrees to reimburse SCPPA for all fees and expenses invoiced by Contractor and will be responsible for all payment obligations incurred by SCPPA in connection with the work performed at the direction of or on behalf of Participant. Participant agrees to hold SCPPA and all other SCPPA members harmless for payment for work performed at the direction of, and for the exclusive benefit of Participant.

Riverside Public Utilities

By: _____
Al Zelinka
City Manager

Certified as to Available of Funds:

By: 
Director of Finance

APPROVED AS TO FORM:

By: 
Assistant City Attorney

BILL TO / SHIP TO INFORMATION

Bill To		Ship To	
Customer Name	SOUTHERN CALIFORNIA PUBLIC POWER AUTHORITY	Customer Name	SOUTHERN CALIFORNIA PUBLIC POWER AUTHORITY
Customer Address	1160 Nicole Court Glendora CA 91740	Customer Address	1160 Nicole Court Glendora CA 91740
Contact Name	Robert Duran	Contact Name	Bryan Cope
Contact Phone	626-793-9364	Contact Phone	+1 (951) 826-5485
Contact Email	BillingInvoices@scppa.org		

TASK ORDER No.: RPU02

Date: April 4, 2019

Project Description: Contractor Administered Business Outdoor Lighting Direct Installation Program

Participating SCPPA Member(s) (if applicable): City of Riverside – Utilities

Contractor: Richard Heath and Associates (“RHA”).

SCPPA Resolution No.: 2017-113

SCPPA Extension Resolution No.: not applicable

Contractor, SCPPA and the participating Member(s) (“Participant(s)”) identified above (if any) agree that Contractor shall provide the Services specified herein pursuant to the terms and conditions of the Goods and Services Agreement (“Agreement”) between SCPPA and Contractor dated January 1, 2018, except as specifically modified herein.

Scope of Services

Effective from July 1, 2019 to June 30, 2020.

Contractor shall administer the Business Outdoor Lighting Direct Installation Program further described in Exhibit A-1, “Scope of Services” (or “Services”). Detailed procedures and practices to be followed while performing the Scope of Services, including completion acceptance, shall be as set forth in the Scope of Services or a subsequent task order issued thereunder.

The pricing represented on Exhibit A-1, “Scope of Services” reflects the 15% discount that Richard Heath and Associates offers to SCPPA members vs. Non-SCPPA members.

Compensation and Schedule

Business Outdoor Lighting Direct Installation Program expenses shall not exceed \$965,000.00

Representative(s) of Participating Member(s)

Ryan McManus
Riverside Public Utilities
3750 University Ave. 3rd Floor
Riverside, CA 92051
Phone # 951.826.5170
rmcmanus@riversideca.gov

Amendment(s) to the Agreement - none

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties have signed this Task Order as of the date first written above.

SOUTHERN CALIFORNIA PUBLIC POWER AUTHORITY

By: _____
Michael S. Webster

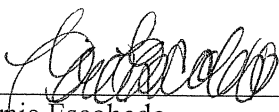
Executive Director

Approved as to Legal Form and Content:

Richard J. Morillo
General Counsel

and;

Richard Heath and Associates

By: _____
Ernie Escobedo
Chief Financial Officer

Participant's Acknowledgement and Agreement

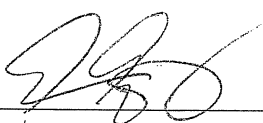
The undersigned hereby attests that he has the requisite authority to bind the Participant to the obligations set forth in the Task Order and Participant agrees to reimburse SCPPA for all fees and expenses invoiced by Contractor and will be responsible for all payment obligations incurred by SCPPA in connection with the work performed at the direction of or on behalf of Participant. Participant agrees to hold SCPPA and all other SCPPA members harmless for payment for work performed at the direction of, and for the exclusive benefit of Participant.

City of Riverside - Utilities

By: _____
Al Zelinka, FAICP
City Manager

Certified as to Availability of Funds:

Approved as to form:

By: _____
Finance Director

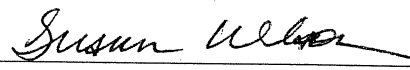
By: _____
Assistant City Attorney

Exhibit A-1

Scope of Services

The Business Outdoor Lighting Direct Installation Program began in 2018, as a way for Riverside Public Utilities (RPU) to encourage medium to larger businesses to improve their outdoor lighting energy efficiency. Combined with additional benefits such as job creation/retention, increased awareness of energy efficiency in the commercial market sector, and driving sustainability through equipment upgrades, the program is well positioned to meet the goals of Riverside Public Utilities.

A. Contract Management

1. Development of Program Scopes and Budgets

RHA will work directly with RPU staff to develop a Business Outdoor Lighting Direct Installation Program scope and budget that meets the unique goals and objectives of RPU. This process will include, but not be limited to completion of a program questionnaire to establish RPU program goals and objectives, budget analysis to maximize measure portfolio, target penetration rates and incentive levels. RHA will provide program and technical guidance to ensure the Business Outdoor Lighting Direct Installation Program is designed to best meet RPU's goals and objectives. RHA will provide all documentation required by RPU to issue a Task Order under this Agreement.

2. Invoicing

Monthly invoices will be submitted to SCPPA and RPU for projects completed. Invoices will associate all project costs with a RPU customer electric account number and Task Order issued under this Agreement.

3. Budget Tracking

Project costs billed to SCPPA for RPU projects will be tracked on a monthly and program-to-date basis. RHA will maintain a budget tracker which compares the program-to-date expenses to the total budget for RPU to ensure the Task Order funds are not exceeded under this Agreement.

4. Subcontractor Management

RHA will be responsible for the quality of work of all subcontractors utilized under this Agreement. RPU's main point of contact will be RHA under this Agreement.

B. Program Delivery

1. Program Development

The purpose of this task is to prepare for program launch. This may include updating program materials and determining other RPU collateral to be left with customers, creating program templates (such as a Participant's letter introducing the program), pre-ordering materials, and recruitment and training of installation subcontractors.

2. Customer Recruitment

The purpose of this task is to market the program to potential customers in RPU service territory. The goal of this task is to enlist customers and schedule their retrofit installations.

The Business Outdoor Lighting Direct Installation Program customer recruitment strategy is multi-faceted and may include: 1.) site visits from program auditors following leads generated by direct mail or the website; and 2.) systematic cold-calls by program auditors. Making sure that every customer has multiple interactions with the program is the key to avoiding lost opportunities.

3. Site Audit Report

Customers who express interest in the program will receive a site audit by a program auditor. The auditor will inspect existing refrigeration equipment at their facility for energy upgrade opportunities. The location of each piece of equipment will be labeled with a unique program tracking number (typically a door tag, each with a unique number) and any future work done to that equipment will include a reference to that tracking number.

The program auditor will record their findings and prepare a proposal for the customer. The proposal will detail all recommended energy efficient measures, the energy and monetary savings estimates, the incentives available and the customer co-pay, if any. The auditor will submit the signed proposal and documentation to program administrator. Auditors will follow up with customers who require extra time to decide, have additional questions or must meet requirements specific to their business (e.g. corporate approval).

4. Project Logistics

Once a customer signs the required participation paperwork, program administration will take responsibility for coordinating successful project delivery. This includes purchasing required material for the project, as well as reserving funds in the RPU program budget to avoid oversubscription for a given work order issued under this Agreement.

5. Retrofit Installations

An appointment for the project installation work will be scheduled with the customer. Installers will arrive at the scheduled time, greet the customer or their employee, and identify themselves as a representative of the Business Outdoor Lighting Direct Installation Program.

Upon completion of the installations, the installer will provide the customer with an explanation of all work that was performed. When the work meets the customer's approval, they will be asked to sign a Project Completion Form. If the job cannot be completed on that day, the installer will let the customer know when they will return to complete the job. In the event a customer is not satisfied with the installation and chooses not to sign the completion form, the installer will first work to rectify the customer's concerns. If immediate resolution is not possible, the installer will seek guidance from RPU Program administration. If a resolution still cannot be achieved, RHA will determine the best course of action, which may include consultation with RPU.

6. Quality Assurance / Quality Control

All materials installed under this Agreement are new and sourced from the best-known suppliers. RHA will provide data sheets for all products installed in the Business Outdoor Lighting Direct Installation Program upon request.

7. Program Metrics

The measures installed, date of installation, and estimated energy savings and demand reduction will be tracked on an ongoing basis during the course of this Agreement. Monthly reports will be prepared for RPU and will detail the activity for the month and for the total program-to-date in their service territory. A separate report will be prepared for RPU fiscal year which will include all the data required to report the retrofit projects and savings in the ESP Portfolio.

Business Outdoor Lighting Direct Installation Program Compensation

1. The following table shows the measure cost per unit for each item

Current Measures	Price	Code
HVAC Tune-Up Basic Diagnostic < = 5 Ton Unit	\$ 210.00	HVACS203
HVAC Tune-Up Basic Diagnostic > = 5 Ton Unit	\$ 230.00	HVACS205
Scissor Lift per day	\$ 310.00	LABORS07
Boom Lift per day	\$ 425.00	LABORS07a
High Ceiling charge per fixture	\$ 3.50	LABORS06
Exterior Lighting Bird Guards (linear foot)	\$ 6.50	LABORS08
LED Exit Sign-Red Replacement Battery Back-up	\$ 118.00	LGT439
Lighting dimmers	\$ 100.00	LGT448
4ft 4L 32W T8 High Perf w/EB	\$ 80.00	LGT362
4ft 4L 32W T8 High Perf w/2EB	\$ 93.00	LGT367
4ft 3L 32W T8 High Perf w/2EB	\$ 85.00	LGT373
4ft 2L w/EB (New Fixt)	\$ 111.00	LGT377
4ft 2L T8 U6 w/EB	\$ 71.00	LGT381
4ft 1L 32W T8 High Perf w/EB	\$ 56.00	LGT393
8ft 2L T8 w/EB	\$ 100.00	LGT405
8ft 1L T8 w/EB	\$ 80.00	LGT407
3ft 4L 25W 2nd gen T8 w/EB (6-ft conv kit)	\$ 95.00	LGT415

Current Measures		Price	Code
2ft 2L 32T8 U6 w/EB		\$ 71.00	LGT420
2ft 2L F17 2nd gen T8 w/EB		\$ 60.00	LGT422
8ft tube guard		\$ 10.00	LGT427
CFL 5-13W**		\$ 21.00	LGT428
14 W A-Type Screw-in**		\$ 22.00	LGT429i
14W Screw-in CFL**		\$ 17.00	LGT429a
18W Screw-in CFL**		\$ 22.00	LGT429l
23W Screw-in CFL**		\$ 18.00	LGT429k
CFL 11W R20**		\$ 21.00	LGT432
23W PAR38**		\$ 31.00	LGT567
CFL Indoor Flood, 25 W R30 2700K**		\$ 21.00	LGT435
Wall sensor		\$ 100.00	LGT445
4ft 2L T8 Retro/Delamp		\$ 74.00	LGT462
4ft 2L T8 Retro/Delamp		\$ 74.00	LGT462
4ft 4 Lamp T8 (8ft) tandem retrofit kit		\$ 78.00	LGT457
LED Open signs replaces Neon		\$ 151.00	LGT500d
CFL 15W R30**		\$ 21.00	LGT433
19W PAR38**		\$ 31.00	LGT565
New LED Measures			
4ft 4L Linear LED Retrofit		\$ 149.00	LGT486
4ft 4L LED Retrofit Plug-n-Play		\$ 108.00	LGT486a
4ft 3L Linear LED Retrofit		\$ 116.00	LGT487
4ft 3L LED Retrofit Plug-n-Play		\$ 95.00	LGT487a
4ft 2L Linear LED Retrofit		\$ 96.00	LGT488
4ft 2L LED Retrofit Plug-n-Play		\$ 80.00	LGT488a
4ft 1L LED Retrofit Plug-n-Play		\$ 67.00	LGT489a
4ft 1L (2pc) LED Retrofit		\$ 73.00	LGT489_2b
2ft 2L U6 (3pc) LED Retrofit		\$ 90.00	LGT486_2a_1
4ft 2L (4pc) LED Retrofit		\$ 98.00	LGT486_2a
4ft 3L (6pc) LED Retrofit		\$ 120.00	LGT486_2c
4ft 4L (8pc) LED Retrofit		\$ 153.00	LGT-LED-09
9W LED A-type LED		\$ 34.00	LGT500
9W LED Globe-Type LED		\$ 40.00	LGT506
6W LED PAR16		\$ 42.00	LGT542
8W LED PAR20		\$ 39.00	LGT546
13W LED PAR30		\$ 45.00	LGT550

Current Measures	Price	Code
16W LED PAR38	\$ 50.00	LGT554
35W LED PAR56	\$ 113.75	LGT557
30W LED Flood Light	\$ 209.00	LGT515_1
50W LED Flood Light	\$ 239.00	LGT515_2
30W LED Wall Pack 5000K	\$ 292.50	LGT510
60W LED Wall Pack 5000K	\$ 326.00	LGT511
80W LED Wall Pack 5000K	\$ 356.00	LGT512
100W LED Wall Pack High Power	\$ 423.00	LGT512b_0317
150W LED Wallpack High Power	\$ 543.00	LGT512_b_0921
200W LED Wallpack High Power	\$ 711.00	LGT512_C
300W LED Wallpack High Power	\$ 837.00	LGT512_D
100W LED Highbay 5000K (Warehouse)	\$ 403.00	LGT513
240W LED Highbay 5000K (Warehouse)	\$ 526.00	LGT514
50W LED Area/Street Light 5000K	\$ 366.00	LGT515_4
80W LED Area/Street Light 5000K	\$ 457.00	LGT515_5
100W LED Area/Street Light 5000K	\$ 571.00	LGT515_6
150W LED Area/Street Light 5000K	\$ 610.00	LGT515_7
200W LED Area/Street Light 5000K	\$ 725.00	LGT515_8
300W LED Area/Street Light 5000K	\$ 852.00	LGT515_9
40W LED Canopy Light 5000K	\$ 282.00	LGT515_10
60W LED Canopy Light 5000K	\$ 340.00	LGT515_11
90W LED Canopy Light 5000K	\$ 506.00	LGT515_12
120W LED Canopy Light 5000K	\$ 542.00	LGT515_13
13W LED Downlight 4 Inch 5000K	\$ 119.00	LGT515_17
22W LED Downlight 6 Inch 5000K	\$ 126.00	LGT515_18
35W LED Downlight 8 Inch 5000K	\$ 176.00	LGT515_19

TASK ORDER No.: RPU05

Date: April 4, 2019

Project Description: Contractor Administered Multifamily Direct Installation Program

Participating SCPA Member(s) (if applicable): City of Riverside – Utilities

Contractor: Synergy Companies

SCPA Resolution No.: 2014-082

SCPA Extension Resolution No.: 2017-076

Contractor, SCPA and the participating Member(s) ("Participant(s)") identified above (if any) agree that Contractor shall provide the Services specified herein pursuant to the terms and conditions of the Professional Services Agreement ("Agreement") between SCPA and Contractor dated July 17, 2014 and amended August 17, 2017, except as specifically modified herein.

Scope of Services

Effective from July 1, 2019 to June 30, 2020.

Contractor shall administer the Multifamily Direct Installation Program further described in Exhibit A-1, "Scope of Services" (or "Services"). Detailed procedures and practices to be followed while performing the Scope of Services, including completion acceptance, shall be as set forth in the Scope of Services or a subsequent task order issued thereunder.

The pricing represented on Exhibit A-1, "Scope of Services" reflects the 12% discount that Synergy Companies offers to SCPA members vs. Non-SCPA members.

Compensation and Schedule

Multifamily Direct Installation Program expenses shall not exceed \$150,000.00

Representative(s) of Participating Member(s)

Jason Tarasi
Riverside Public Utilities
3750 University Ave. 3rd Floor
Riverside, CA 92051
Phone # 951.826.5817
jtarasi@riversideca.gov

Amendment(s) to the Agreement - none

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties have signed this Task Order as of the date first written above.

SOUTHERN CALIFORNIA PUBLIC POWER AUTHORITY

By: _____

Michael S. Webster

Executive Director

Approved as to Legal Form and Content: _____

Richard J. Morillo

General Counsel

and;

SYNERGY COMPANIES

By: _____

Matthew Clark

Marketing Director

Participant's Acknowledgement and Agreement

The undersigned hereby attests that he has the requisite authority to bind the Participant to the obligations set forth in the Task Order and Participant agrees to reimburse SCPPA for all fees and expenses invoiced by Contractor and will be responsible for all payment obligations incurred by SCPPA in connection with the work performed at the direction of or on behalf of Participant. Participant agrees to hold SCPPA and all other SCPPA members harmless for payment for work performed at the direction of, and for the exclusive benefit of Participant.

City of Riverside - Utilities

By: _____

Al Zelinka, FAICP

City Manager

Certified as to Availability of Funds: _____

Approved as to form: _____

By: _____

Finance Director

By: _____

Assistant City Attorney

Exhibit A-1
Scope of Services

Riverside Mobile Homes & MultiFamily Residential Program 2019 - 2020 Common Area/Commercial	Source	Unit	Price	Annual kWh Savings
LED Dusk to Dawn Hardwired Porchlight	CMUA TRM 2014 (custom measure)	per fixture	\$65.80	83
LED Hardwired Interior Fixture	CMUA TRM 2014 (custom measure)	per fixture	\$66.80	54
LED 14W Linear Tube - Replaces T8 32W (Plug and Play with Most T-8 Ballasts)	CMUA TRM 2014 (custom measure)	per lamp	\$25.50	84
LED 30W High Mount Area Light - Replaces 150W - 175W HID Luminaire	CMUA TRM 2014 (custom measure)	per fixture	\$348.49	676
LED 30W Wallpack - Replaces 150W - 250W HID Luminaire	CMUA TRM 2014 (custom measure)	per fixture	\$348.49	676
LED 4W Landscape Lighting - Dusk to Dawn	CMUA TRM 2014 (custom measure)	per fixture	\$99.00	331
LED 70W Parking Lot Lighting - Replaces 400W - 600W HID Luminaire	CMUA TRM 2014 (custom measure)	per fixture	\$962.50	2,469
LED Porchlight 13W (replacing 100W incandescent)	CMUA TRM 2014 (custom measure)	per fixture	\$89.95	405
LED A Lamp Screw in 11W - 60W incandescent - TRM	CMUA TRM 2014 (custom measure)	per lamp	\$15.00	228
PC Emberplug for Office Computers	SDSU Field Trial	per plug	\$110.00	529
Standard T12 40W to LED 14W Linear Tube w/ T8 GE Instastart Ballast	CMUA TRM 2014 (custom measure)	per lamp	\$35.50	121
Variable Speed Drive Pool Pump w/ permit costs	SCE Workpaper	per pump	\$2,019.20	7441
Vending Machine Controller (Refrigerated)	CMUA TRM 2014 (custom measure)	per lamp	\$213.00	1,612

Commercial Common Areas in Apartments and Mobile Homes will be capped at \$7,000.00 with a 10% additional variance. If project is above \$7,500.00, but below the variance, please indicate on invoice. Please contact Jason Tarasi if project cost goes above 10% variance.

Riverside Public Utilities will replace the Standard T12 40W to T8 32W Lamp Measure with Standard T12 40W to LED 14W Linear Tube w/ T8 GE Instastart Ballast.

Riverside Mobile Homes & Multifamily Residential Program 2019 - 2020 Residential	Source	Unit	Price	Annual kWh Savings
AC Tune-up (Refrigeration and Airflow) - Mobile Home	DEER 2014 (Item 834)	per ton	\$67.00	170
AC Tune-up (Refrigeration and Airflow) - Multifamily	DEER 2014 (Item 835)	per ton	\$67.00	132
Duct Seal & Test - Mobile Home	DEER 2014 (Item 619)	per unit	\$139.49	494
Embertec Smart Strip (2nd Generation) - Install Only	Calplug Workpaper	per unit	\$110.00	346
HVAC Efficient Fan Control Switch - Mobile Home	SCE Workpaper	per unit	\$145.00	433
HVAC Efficient Fan Control Switch - Multifamily	SCE Workpaper	per unit	\$145.00	52
Brushless Motor 1/2 HP per ton - Mobile Home	SCE Workpaper	per ton	\$110.00	93
LED Hardwired Interior Fixture 17W (replacing CFL or less efficient fixture)	CMUA TRM 2014 (custom measure)	per unit	\$66.80	27
LED A Lamp Screw in 6W - 9W (replacing CFL or less efficient fixture)	CMUA TRM 2014 (custom measure)	per lamp	\$15.00	68

Individual Apartments and individual Mobile Homes will be capped at \$1,000.00 with a 10% additional variance. If project is above \$1,000.00 but below the variance, please indicate on invoice. Please contact Jason Tarasi if project cost goes above the 10% variance.