



CONSULTANT ADMINISTERED ENERGY EFFICIENCY SITE EVALUATIONS PROGRAM

Public Utilities Department

City Council
December 7, 2021

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LEGISLATIVE HISTORY

1. Assembly Bill 1890 - Public Benefits Charge – 2.85%
2. Senate Bill 1037 - “first acquire all available energy efficiency and demand reduction resources”
3. Assembly Bill 2021 - requires POU's to identify, target and achieve all potentially cost-efficient electric savings within a 10-year target.
4. Senate Bill 350 - energy efficiency savings and demand reduction



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BACKGROUND

Consultant Administered Energy Efficiency Site Evaluations Program:

1. Target RPU's largest Time of Use customers
2. Provides a comprehensive energy efficiency plan
 - a) Priority list of recommended energy efficiency measures
 - b) Estimated return on investment
 - c) Applicable RPU incentives
3. Previously administered using a SCPPA Contract



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DISCUSSION

Basic Energy Assessment typically includes:

1. Perform a utility bill analysis based on historical data
2. Conduct an on-site survey of the Customers subject property
3. Collect equipment data for the major energy using systems and equipment including:
 - a) Lighting systems/Electric space heating, cooling and ventilation
 - b) General plug and process loads/Other electricity-using systems as applicable
4. Review the condition of the building envelope (building exterior)



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DISCUSSION

5. Review operating hours
6. Identify potential energy efficiency measures
7. Identify rebates and incentives
8. Estimate potential energy savings
9. Estimated return on investment
10. Create and deliver a report



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RFP 2092

1. Posted on the City's Online Bid System on March 19, 2021 and closed April 6, 2021
2. Ten qualified respondents
3. A panel of three RPU employees evaluated proposals
4. TRC Engineers was scored the highest



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RFP 2092

Vendors	Scored Points	Rank
TRC	926.67	1
BASE Energy	896.34	2
Kilowatt Engineering	886.67	3
Richard Heath & Associates	885.38	4
Cumming Management Group	885.00	5
Energy Resources Integration	866.67	6
P2S	838.33	7
Tetra Tech	809.17	8
RMS Energy Consulting	790.83	9
Digital Energy	766.66	10



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STRATEGIC PLAN ALIGNMENT

The program aligns with **Strategic Priority 4, Environmental Stewardship**. Program deliverables will focus on helping customers maximize energy efficiency practices and support the Priority goals of championing proactive and equitable climate solutions based in science to ensure clean air, safe water, a vibrant natural world and a resilient green new economy for current and future generations.



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STRATEGIC PLAN ALIGNMENT

Cross-Cutting Threads:

1. Community Trust – The Program will help facilitate better environmental outcomes for the whole community
2. Equity – Commercial improvements to energy efficiency will improve the natural environment, which will positively impact every community that we serve by supporting equitable climate solutions.
3. Fiscal Responsibility – 6% price reduction compared to SCPPA
4. Innovation – encourages investment into newest energy efficiency products
5. Sustainability & Resiliency – encourages reduction in energy consumption and increases awareness of efficiency best practice



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RECOMMENDATIONS

That the City Council:

1. Approve a new Public Benefits Program for Energy Efficiency Site Evaluations;
2. Approve a Professional Consultant Services Agreement from RFP No 2092 for a Consultant Administered Energy Efficiency Program with TRC Engineers, Inc., for a term of three years with two optional one-year extensions, in the amount of \$750,000; and
3. Authorize the City Manager or designee to execute the Professional Consultant Services Agreement with TRC Engineers, Inc, including making minor and non-substantive changes to the agreement and to execute the two additional one-year extensions.



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