



Pre-Proposal Meeting for RFP 9156

Professional Services for the Preparation of an Energy Management Plan

September 18, 2025

SACSEWER.COM

AGENDA

- Introductions
- Background
- Objectives
- Scope of Work
- Basis of Selection
- Proposal Ranking Criteria
- Key Dates
- Questions

INTRODUCTIONS

- Policy and Planning
 - Lakshmi Jayaprakash– Project Manager
 - Vyomini Upadhyay
- Treatment and Resource Recovery
 - Andrew Schmalenbach
- Collections Systems Operations
 - My Huynh

BACKGROUND

- Mission, vision, and commitment to environmental stewardship
- Environmental Sustainability Program
- SacSewer is a 12 to 14 MW facility

Our Mission

Protecting public health and the environment by collecting, treating, and recovering resources from sewage.

Our Vision

Setting the bar for excellence in sewage management and environmental sustainability.

Our Values



Environmental Stewardship

Protect and Sustain



Proficiency

Skilled and Capable



Responsibility

Accountable and Committed



Resolve

Determined to Succeed

OBJECTIVES

- Develop an Energy Management Plan to initiate a comprehensive energy program to optimize energy consumption, increase sustainability, and improve energy data tracking and reporting for SacSewer facilities.
- Review and assess energy data for all 61 EchoWater SMUD meters and 109 Collection System SMUD meters, identifying current energy consumption patterns, areas of high energy use, and areas for improved monitoring.
- Identify potential energy optimization opportunities and provide recommendations for operational or capital improvements to reduce energy consumption.
- Develop a dashboard for reporting and tracking current and future energy data for all SacSewer Facilities.



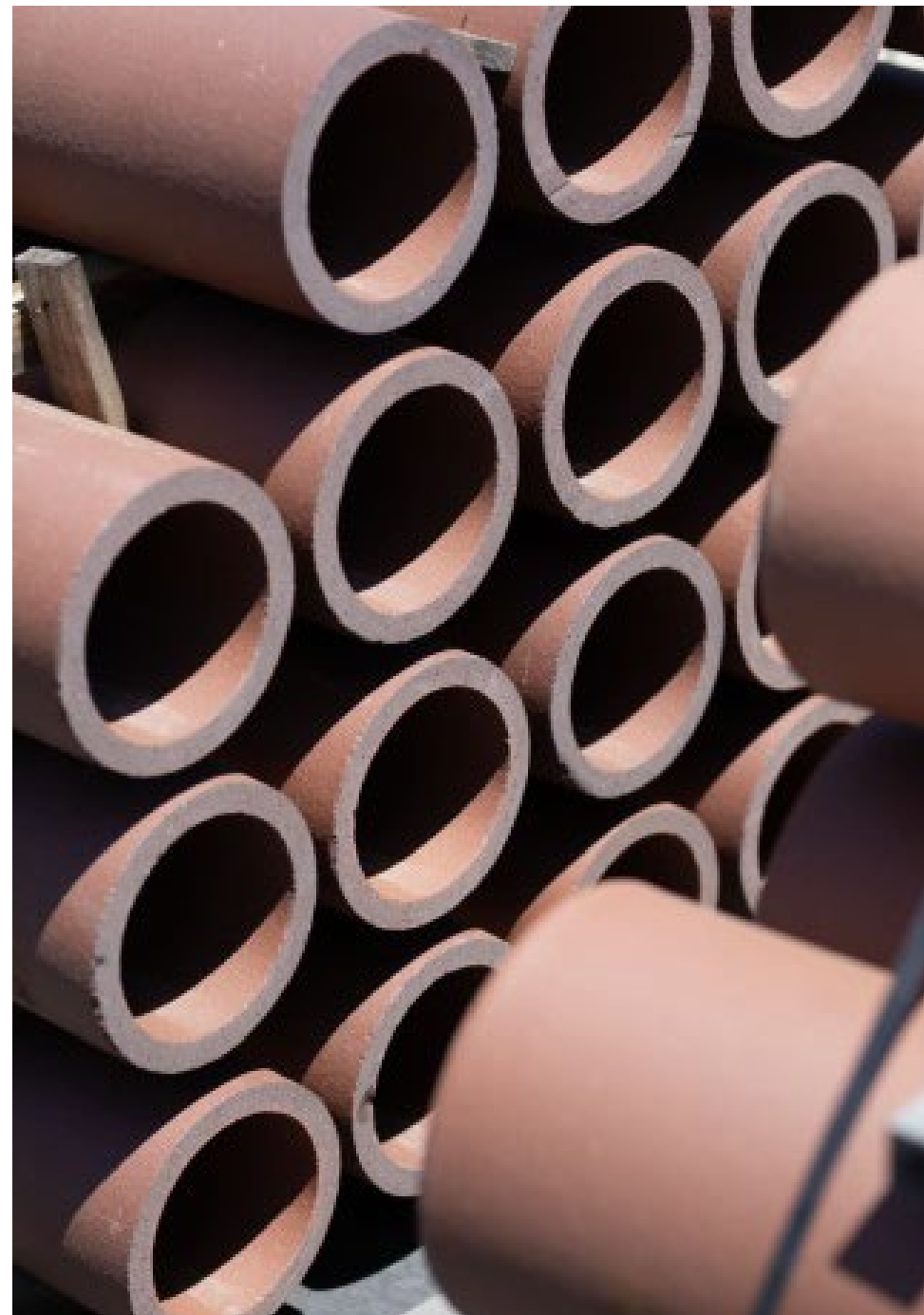
SCOPE OF WORK

Task	Description
1	<p>Assess SacSewer's Current Energy Performance</p> <ul style="list-style-type: none">• Review and analyze current energy demand for all SacSewer Facilities.• Identify key data parameters to track energy use for treatment processes, pumping and other assets. <p><i>Deliverable: Technical memorandum (TM) includes the energy audit, identify major energy consumption assets for SacSewer, include energy performance metrics for major energy components for annual reporting and auditing, summarize EchoWater Facility Energy Portfolio and Collection System Energy Portfolio; Dashboard for reporting and tracking current and future energy data for all SacSewer Facilities.</i></p>



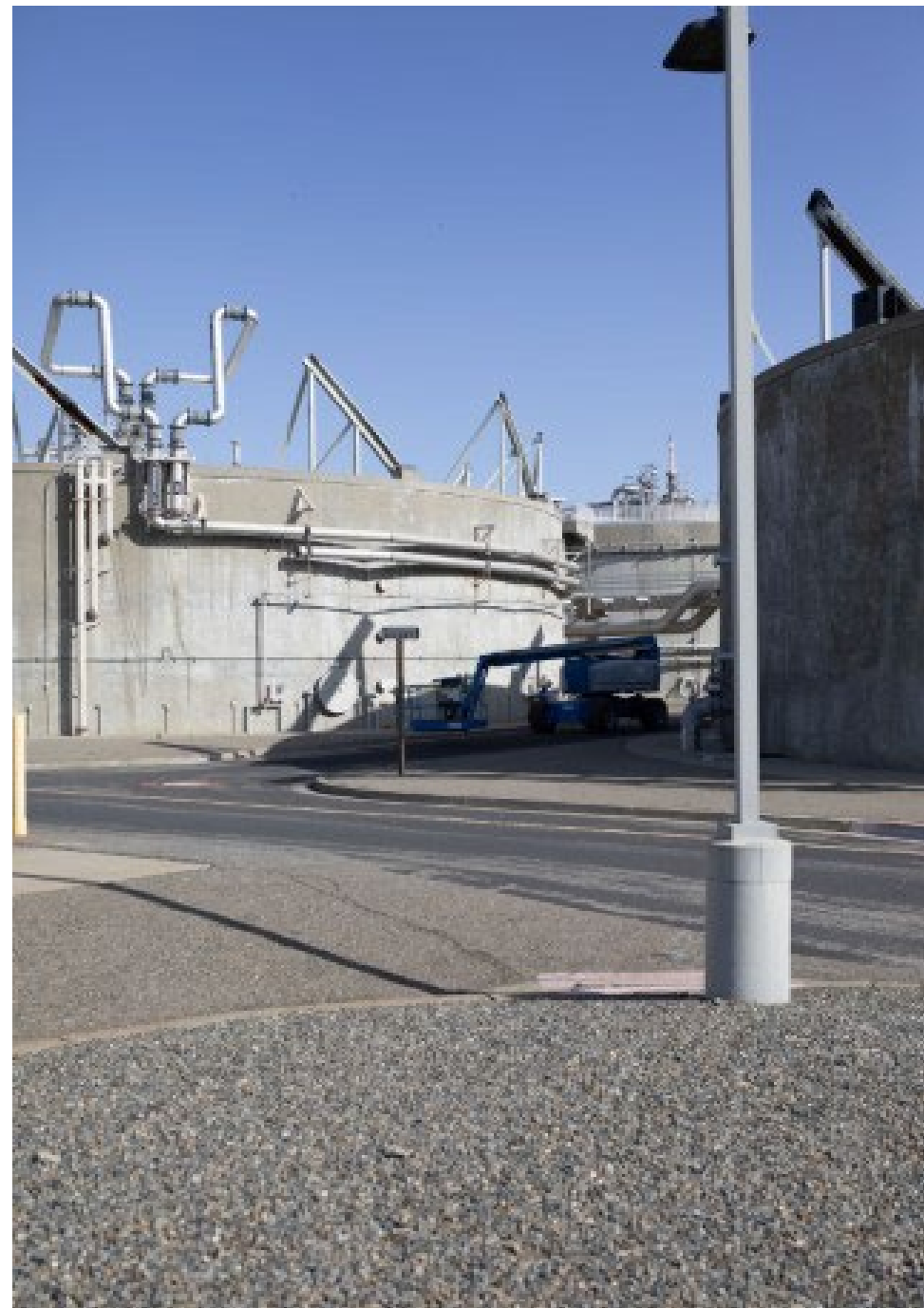
SCOPE OF WORK

Task	Description
2	<p>Prepare Energy Management Plan</p> <ul style="list-style-type: none">• Develop an Energy Management Plan to initiate a comprehensive energy program to reduce energy consumption, increase sustainability and improve energy data tracking.• Identify major focus areas and staff needed for a successful program to reduce, track and manage energy.• Energy Management Plan shall include actionable steps for overarching energy objectives. <p><i>Deliverable: Energy Management Plan.</i></p>



SCOPE OF WORK

Task	Description
3	<p>Develop an Energy Roadmap for SacSewer to become a Net Energy Producer</p> <ul style="list-style-type: none">• Review and analyze energy data to develop actionable steps for increasing energy production at EchoWater Facility.• Developed a prioritized list of projects to optimize energy use at the EchoWater facility and other SacSewer Facilities based on a high-level evaluation.• Provide one or more plans to increase or enhance energy production at the SacSewer facilities, starting with the EchoWater Facility. The proposed implementation strategies of the energy production plan shall include an assessment based on social, environmental, and financial factors. <p><i>Deliverable: TM identifying a prioritized list of energy efficiency projects and a plan towards becoming a Net Energy Producer, Support for SacSewer Board presentation.</i></p>



SCOPE OF WORK

Task	Description
4	<p>In-House Workshop</p> <ul style="list-style-type: none">• Prepare, lead, and conduct two in-house workshops to review and discuss findings with key staff and management. <p><i>Deliverable: Prepare for and lead discussion, meeting minutes, and a TM.</i></p>
5	<p>Project Management</p> <ul style="list-style-type: none">• Submit monthly schedules and invoices. Include the status of each task, budget, billed to date, amount remaining, and percentage completed.• Plan, prepare, and lead the kick-off and biweekly project management meetings as needed.



SCOPE OF WORK

Task	Description
6	Optional Task – Energy Reliability Assessment <ul style="list-style-type: none"><li data-bbox="275 518 1490 678">• Develop a plan that identifies SacSewer’s current power reliability and standby power for the EchoWater facility and other energy-demanding facilities.



BASIS of SELECTION

- Consultant to submit 4 signed hard copy sets, one signed digital copy of the proposal, and submit a separate cost proposal.
- Submit a complete proposal document consistent with Section 9 of the RFP.
- Ranking will be based on Proposal Rating criteria.
- Proposals with a score of less than 60 will be disqualified.
- For the highest rank proposal, SacSewer will open the cost proposal and enter into negotiations.



Proposal Rating Criteria

Criteria	Point Value
Overall Responsiveness to RFP Requirements	5
Company Background	5
Project Overview	10
Detailed Project Approach	25
Related Experience	20
Consultant Team	15
Level of Effort	15
Schedule	5
Total	100



KEY DATES

Action	Deadline
Question Submission Deadline	September 24, 2025, by 5 PM PT
Final Date to Provide Responses	October 1, 2025
Proposal Submission Deadline	October 8, 2025, by 5 PM PT
Consultant Interviews (if requested)	Week of October 20, 2025
Notice of Intent to Award	November 3, 2025 or later
SacSewer Board Approval (if needed)	Anticipated December 10, 2025, or later



QUESTIONS?