



Fairfield-Suisun Sewer District

ADDENDUM NO. 1

TO THE REQUEST FOR PROPOSAL DOCUMENTS FOR THE
2025 LIGHTING SURVEY PROJECT

January 17, 2025

Trang Bui
Engineering Technician

2025 LIGHTING SURVEY

ADDENDUM NO. 1

This Addendum No. 1 shall become part of the Request for Proposal Documents and all provisions of the Proposal shall apply thereto.

ITEM NO. 1-1: REQUEST FOR NIGHTTIME PHOTOS

Attached to this Addendum No. 1 is a link of the wastewater treatment facility at nighttime.

[Treatment Facility Nighttime Lighting Photos](#)

ITEM NO. 1-2: REQUEST FOR AS-BUILT DRAWINGS FOR LIGHTING

Attached to this Addendum No. 1 is a link of the As-Built Drawings for the Facility from 1974, 1991, and 1995 for reference purposes. Please note that the Fairfield-Suisun Sewer District makes no guarantee nor representation of any kind concerning the current accuracy, completeness of any information and/or data provided. All information provided shall be used for reference purposes and field verified.

[AS-BUILT DRAWINGS FOR LIGHTING](#)

ITEM NO. 1-3: REQUEST FOR LIGHTING GEODATABASE

Attached to this Addendum No. 1 is a link of the Lighting Geodatabase of the Facility. Please note that the Fairfield-Suisun Sewer District makes no guarantee nor representation of any kind concerning the current accuracy, completeness of any information and/or data provided. All information provided shall be used for reference purposes and field verified.

[LIGHTING GEODATABASE](#)

ITEM NO. 1-4: QUESTIONS AND RESPONSES

See Page 3 of this Addendum No. 1 for a list of questions on the Proposal Documents that have been received to date and responses from the Fairfield-Suisun Sewer District.

2025 EXTERIOR LIGHTING SURVEY PROJECT
QUESTIONS ON THE PROPOSAL DOCUMENTS

Question No.	Question	Response
1	Do you have a complete as-built set of the existing exterior lighting for the site in PDF?	Yes, the District has a complete set of as-built drawings of the existing exterior lighting system in PDF format. Please note that the exterior lighting system was developed in phases to accommodate facility expansions. These documents have been included as part of this addendum for your reference.
2	Should the site survey include details such as lighting fixture type, quantity, and circuit connections?	Yes, the site survey must include a thorough inventory of lighting fixture types, quantities, and circuit connections, as outlined in the RFP. This is critical for developing accurate recommendations and cost estimates.
3	Can we verify the existing light fixture types using spare fixtures on-site, or do we need to examine the installed fixtures?	The District does not have spare light fixtures available for verification. Verification must be conducted on installed fixtures during the site survey.
4	Are we required to involve electrical contractors for assessing light poles and wiring connections?	Assessing light poles and wiring connections is part of the scope of work. It is at the discretion of the proposing firm whether to subcontract electrical contractors for these assessments. However, the firm is responsible for ensuring that all assessments, particularly those related to safety and circuitry, are conducted effectively.
5	Should we provide a complete report that includes new light fixture types, quantities, power connections, and photometric calculations?	Yes, the final report should include a detailed inventory and analysis of fixture types, quantities, power connections, and photometric calculations. Where applicable, include recommendations for circuitry improvements, retrofits and new light fixtures should be provided for comparison.
6	The RFP mentions a time-and-material (T&M) proposal with a not-to-exceed (NTE) value of \$130,000. Is this correct?	The current NTE value for this project has been updated to \$49,500. The previously mentioned figure is no longer applicable as this study is not supported by grant funding. The District encourages proposals that reflect a cost-effective and realistic budget based on the scope of work outlined in the RFP. Proposals will be evaluated based on their ability to achieve the project's objectives within a practical and efficient financial framework.
7	Can mileage reimbursement be included in the proposal, and what is the maximum allowable mileage?	Mileage reimbursement may be included in the proposal's cost estimate. Mileage should comply with IRS 2025 reimbursement guidelines. The

		reimbursement should be reasonable and must not include overhead or markup. Proposing firms are encouraged to outline their mileage assumptions within the proposal.
8	Should reimbursements be included in the original NTE value or calculated separately?	All reimbursements must be included in the NTE value outlined in the proposal.
9	Does the scope of work include a lighting evaluation and potential upgrades for all roads on-site?	Yes, all roads within the facility require a thorough lighting evaluation, and recommendations for upgrades should be provided as necessary.
10	Can the District provide nighttime lighting photos for reference?	Yes, nighttime lighting photos have been included and linked in Addendum No. 1 for your reference.
11	Is the District willing to incorporate sustainability and climate change considerations into the project?	The District's primary focus is safety, but it is open to incorporating sustainability and climate change considerations if they align with the project's goals and remain cost-effective.
12	What regulations should be considered during the survey?	The District expects the survey to adhere to Title 24 Regulations and OSHA Workplace Lighting Requirements to ensure compliance with state and federal standards.
13	Does the District prefer lighting retrofits or new lighting installations?	The District is open to both retrofits and new lighting installations. The preference will depend on feasibility, cost-effectiveness, and alignment with project goals.
14	Can the District provide a geodatabase of the lighting in GIS format?	Yes, the District has provided a geodatabase link in the addendum. Please note that this geodatabase does not include lighting installed on structures.
15	Does the NTE include the District's budget for funding of lighting upgrades?	No, the District is using the results of the lighting survey and associated project cost estimates to develop a phased budget for future lighting improvements. The focus of this project is to assess the current lighting system and provide actionable recommendations and cost estimates, which will inform the District's long-term budgeting and planning for upgrades.
16	Why is the District considering transitioning the lighting voltage from 277V to 120V?	While 480/277V systems are more common and efficient for exterior lighting, most of the lighting at the plant currently operates at 120V, making the 277V street lighting an outlier. Transitioning to a standardized 120V system offers several benefits: - Improved Circuit Distribution: The current 277V system consolidates many lights on a single circuit (e.g., >30 lights per circuit), increasing the risk of significant outages if a circuit trips. A 120V system

		<p>typically reduces the number of lights per circuit, minimizing the impact of outages and enhancing reliability.</p> <p>-Safety Concerns: The existing 277V street lighting system was previously modified from a 480V system in a way that compromised safety by removing the ground connection. A redesigned 120V system would rectify this issue.</p> <p>-Standardization: Using a single voltage system throughout the facility simplifies maintenance and reduces complexity.</p> <p>The District is open to retaining a 480/277V system for street lighting if the design proves to be more efficient and cost-effective. Both approaches will be considered improvements over the current configuration.</p>
--	--	---