




San Carlos Station Lighting Upgrade Project

Board of Directors
July 6, 2017

The slide features a red background with a white outline of a train's front end. The Caltrain logo is in the top left corner. The title is centered in white text, and the date is in the bottom right.



Overview

- California Government Code 4217.10-4217.18 (Section 4217.10)
- San Carlos Station Lighting Upgrade Project
- Proposed Award of Contract: Enlight Energy Efficient Lighting, Inc.
- Board Actions

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The slide features a white background with a red outline of a train's front end. The Caltrain logo is in the top left corner. The title is in bold black text, and the list items are in red text. A small number '2' is in the bottom right corner.



Section 4217.10 Purpose

- **Public agency energy conservation contracts**
 - e.g., lighting upgrades, energy-efficiency improvements, solar installations, power purchase agreements
- **Allows a public agency to:**
 - Procure the design, materials, and installation of a project in a single contract
 - Forgo public bidding, while maintaining state and agency compliance requirements
- **Provides procurement flexibility to maximize savings and minimize costs**

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Section 4217.10 Requirements

- **Board must make findings at a Public Hearing, noticed 2 weeks prior:**
 - that the anticipated cost to the public agency for the thermal or electrical energy or conservation services will be less than the anticipated marginal cost to the public agency for the energy that would have been consumed in the absence of the contract
 - that the contract is in the best interests of the public agency
- **Required for each energy service contract**

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San Carlos Station Lighting Upgrade

- 178 lights: platforms, passenger shelters, pedestrian underpass, depot buildings
- Metal halide and high-pressure sodium lights upgraded to energy-efficient light-emitting diodes (LEDs)
- No changes to exterior fixtures

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San Carlos Station Lighting Upgrade

- Decorative lights on platforms and bridge over Holly Street (88)



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San Carlos Station Lighting Upgrade

- Lights inside four passenger shelters (12)
- Lights on roof (60) and wall (12) of underpass



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San Carlos Station Lighting Upgrade

- **PG&E Energy Efficiency Rebate**
 - \$12,224; if installed by December 14, 2017
- **Net Project Cost**
 - \$70,949; after rebate
- **Annual Savings**
 - Estimated \$12,000 per year (50%) due to reduced energy use
 - Additional cost savings due to reduced maintenance (not included in ROI)
- **Estimated Return on Investment (ROI)**
 - 6 years; additional \$96,000 savings over lifetime of LEDs

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Proposed Contract Award: Enlight

- **Collaboration with San Mateo County Energy Watch, PG&E, C/CAG**
- **Qualified, experienced, and recommended by other public agencies including San Mateo County**
- **Competitive pricing (prevailing wage)**
- **Registered Small Business Enterprise**

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Board Actions

1. **Find that the cost to the JPB for the Project will be less than the anticipated marginal cost of energy consumed by the JPB in the absence of the Project**
2. **Find that it is in the best interest of the JPB to proceed with the Project**
3. **Award a contract to Enlight for \$70,949 for the Project**
4. **Authorize the Executive Director to execute a contract with Enlight**
5. **Authorize the Executive Director to execute a Customer Work Order Agreement with San Mateo County Energy Watch for PG&E rebates**

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Questions and Public Comment

