

### LED LIGHTING RETROFIT GOVERNMENT CODE 4217

### FACILITIES SUPPORT SERVICES

Board Meeting October 3, 2024 Agenda Item No. 10.2

Presented by: Chris Ralston, Assistant Superintendent, Facilities Support Services

### Building Equity into the Foundation

#### SCUSD CORE VALUE

We recognize that our system is inequitable by design and

# Project Highlights:

- Replace interior and exterior light fixtures with energy efficient light fixtures
- Work timeline is December 2024-June 2025
- 34 sites will receive work
- Average of 90% energy savings per light fixture
- Will receive SMUD energy retrofit rebate
- Expected project payback period of 8 years
- District negotiated 10-year material warranty (1-year typical)



## Procurement Method

- Government Code 4217 Energy Service Contract
- Post a notice of a public hearing to determine validity of using Government Code 4217
- Board holds a public hearing to determine whether the anticipated energy cost savings of proposed project has been reasonably established



# Financial Analysis

#### Project Investment: \$5,897,566

First year energy savings			
Maintenance Savings			
Inflation Rate			
Simple Payback			
Energy Cost Avoidance	Maintenance Cost Avoidance	<u>Net Cost Avoidance</u>	
\$559,833	\$31,850	\$591,683	
\$568,230	\$32,328	\$600,558	
\$576,754	\$32,813	\$609,567	
\$585,405	\$33,305	\$618,710	
\$594,186	\$33,804	\$627,990	
\$603,099	\$34,311	\$637,410	
\$612,146	\$34,826	\$646,972	
\$621,328	\$35,349	\$656,677	
\$630,648	\$35,879	\$666,527	
\$640,107	\$36,417	\$676,524	
\$ 5,991,737	\$340,882	\$6,332,618	
	\$559,833 \$568,230 \$576,754 \$585,405 \$594,186 \$603,099 \$612,146 \$621,328 \$630,648 \$630,648 \$640,107	\$559,833 \$31,850   \$568,230 \$32,328   \$576,754 \$32,813   \$585,405 \$33,305   \$594,186 \$33,804   \$603,099 \$34,311   \$612,146 \$34,826   \$621,328 \$35,349   \$630,648 \$35,879   \$640,107 \$36,417	

## Estimated Energy Cost Savings

CAMPUS	PROJECT COST	ANNUAL SAVINGS	REBATE	COST MINUS REBATE
AMERICAN LEGION	\$157,597	\$16,733	\$9,281	\$148,316
BRET HARTE	\$204,205	\$17,617	\$10,814	\$193,391
CALEB GREENWOOD	\$135,410	\$12,310	\$7,171	\$128,239
CALIFORNIA MS	\$331,511	\$27,608	\$18,796	
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Estimated ongoing general fund savings per year

## Next Steps for Tonight

- Hold Public Hearing
- Board Questions and Comments
- Action on Resolution 3450 authorizing the Energy Service Contract under Government Code 4217.12 (Consent item)



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