



# LED Lighting Retrofit Government Code 4217 Facilities Support Services

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# Building Equity into the Foundation

## SCUSD CORE VALUE

We recognize that our system is inequitable by design and we vigilantly work to confront and interrupt inequities that exist to level the playing field and provide opportunities for everyone to learn, grow and reach their greatness.

## SCUSD GUIDING PRINCIPLE

All students are given an equal opportunity to graduate with the greatest number of postsecondary choices from the widest array of options

# Project Highlights:

- Replace exterior light fixtures with energy efficient light fixtures
- Work timeline is December 2023-June 2024
- 25 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

# Procurement Cost Analysis

Budgeted Project Cost "Hard"*			
ITEM	Quantity	Unit Price	Total Price
Construction Costs (average price of total units)	5,272	\$456.29	\$2,405,574
SMUD Rebate			(\$131,571)
Insurance/Bonds		3%	\$56,850
Construction Budget:			\$2,330,853
Budgeted, Typical Project Cost "Soft"			
ITEM	Common %	Total Price	
Scope Development and design	12%	\$288,668	
Construction Management	10%	\$233,085	
Project Allowance/Contingency	5%	\$120,279	

Total anticipated project costs:  
4217.10

**\$2,330,853**

Total anticipated project  
costs: Design-Bid-Build

**\$2,972,885**

# Financial Analysis

## Project Investment: \$2,330,853

First year energy savings	\$227,280		
Maintenance Savings	\$50,800		
Inflation Rate	3%		
Simple Payback	8.2 years		
Year	Energy Cost Avoidance	Maintenance Cost Avoidance	Net Cost Avoidance
One	\$ 227,280	\$ 50,800	\$278,080
Two	\$ 234,098	\$ 52,324	\$286,422
Three	\$ 241,121	\$ 53,894	\$295,015
Four	\$ 248,355	\$ 55,511	\$303,866
Five	\$ 255,806	\$ 57,176	\$312,981
Six	\$ 263,480	\$ 58,891	\$322,371
Seven	\$ 271,384	\$ 60,658	\$332,042
Eight	\$ 279,526	\$ 62,478	\$342,003
Nine	\$ 287,912	\$ 64,352	\$352,263
Ten	\$ 296,549	\$ 66,282	\$362,831
<b>Total</b>	<b>\$ 2,605,510</b>	<b>\$582,365</b>	<b>\$3,187,876</b>

# Estimated Energy Cost Savings

CAMPUS	PROJECT COST	ANNUAL SAVINGS	SMUD REBATE	COST MINUS REBATE
ABRAHAM LINCOLN	\$33,662	\$2,825	\$1,490	\$32,172
AM WINN	\$38,088	\$4,013	\$1,960	\$36,128
H BANCROFT	\$50,087	\$4,471	\$2,160	\$47,927
THOMAS JEFFERSON	\$31,905	\$1,882	\$1,400	\$30,505
AW MCCLASKY	\$15,665	\$2,416	\$800	\$14,865
TAHOE	\$27,692	\$1,800	\$1,220	\$26,472
HIRAM JOHNSON	\$371,334	\$33,812	\$19,890	\$351,444
EARL WARREN	\$38,472	\$3,669	\$1,810	\$36,662
JOSEPH BONNEHEIM	\$36,798	\$2,851	\$1,760	\$35,038
WEST CAMPUS	\$170,878	\$10,638	\$7,945	\$162,933
KEITH B KENNEY	\$169,337	\$13,592	\$6,625	\$162,712
ELDER CREEK	\$41,500	\$3,418	\$2,255	\$39,245
ETHEL PHILLIPS	\$33,651	\$2,489	\$1,575	\$32,076
SUY:U	\$37,280	\$2,984	\$1,725	\$35,555
WILL C WOOD	\$162,631	\$10,071	\$7,165	\$155,466
ETHEL BAKER	\$34,186	\$3,566	\$1,705	\$32,481
ALICE BIRNEY	\$44,992	\$3,896	\$1,960	\$43,032
SAM BRANNON	\$140,274	\$15,365	\$6,295	\$133,979
PARKWAY	\$35,607	\$2,378	\$1,820	\$33,787
JOHN SLOAT	\$29,270	\$4,164	\$1,280	\$27,990
CAP CITY CHILD CARE	\$35,311	\$7,278	\$2,560	\$32,751
HW HARKNESS	\$37,944	\$2,794	\$1,525	\$36,419
WOODBINE	\$26,451	\$2,274	\$1,300	\$25,151
SERNA CENTER / ENROLLMENT CENTER	\$533,971	\$62,879	\$40,656	\$493,315
MARTIN LUTHER KING JR	\$41,717	\$3,223	\$2,205	\$39,512
SUSAN B ANTHONY	\$32,138	\$3,205	\$1,855	\$30,283
SEQUOIA	\$46,041	\$3,692	\$2,825	\$43,216
O W ERLEWYNE	\$46,870	\$3,024	\$2,030	\$44,840
JAMES MARSHALL	\$61,822	\$8,611	\$3,775	\$58,047
<b>TOTAL</b>	<b>\$2,405,574</b>	<b>\$227,280</b>	<b>\$131,571</b>	<b>\$2,274,003</b>

# Next Steps for Tonight

- Hold Public Hearing
- Board Questions and Comments
- Action on Resolution 3366 authorizing the Energy Service Contract under Government Code 4217.12 (Consent item)





# Public Hearing & Questions

