



## Silver Valley USD: Facility Restoration & Reinvestment Program



October 2018

## Accomplishing Strategic Goals

Reduce utility costs by 30%; Implement SVUSD's Prop 39 Energy Expenditure Plan; Promote sustainability within the community



Sustainability

Maximize SVUSD's Prop 39 allocation; Leverage annual savings to secure financing for a term up to 20 years



Funding



Learning Environment

Improve comfort for students & teachers; Enhance campus safety at night; Improve aesthetics (e.g. new lighting & MPR ceilings)

Publicize SVUSD's positive story with DC and the local community (press release, signage, website content, social media outreach)



Branding



Deferred Maintenance

Replace antiquated & inefficient equipment; Alleviate deferred maintenance budget; Reduce time spent on routine maintenance



Student Engagement

Opportunities for student engagement e.g. Hands on activities, Support AVID programs

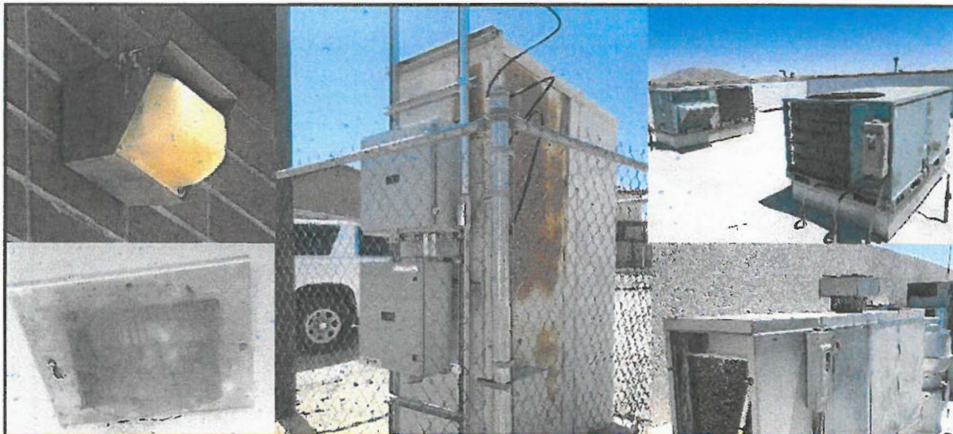
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## Learning Environment



- ✓ Improve comfort for students & teachers
- ✓ Enhance campus safety at night
- ✓ Improve aesthetics (i.e. new lighting and MPR ceilings)



## Deferred Maintenance



- ✓ Replace antiquated & inefficient equipment
- ✓ Alleviate deferred maintenance budget
- ✓ Reduce time spent on routine maintenance



## Sustainability



- ✓ Reduce utility costs by 30%
- ✓ Implement SVUSD's Prop 39 Energy Expenditure Plan
- ✓ Promote sustainability within the community



## Branding



Publicize SVUSD's positive story in DC & the local community:

- |                               |                   |
|-------------------------------|-------------------|
| ✓ National Press Release      | ✓ Project Videos  |
| ✓ Social Media Communications | ✓ Signage         |
| ✓ SVUSD Website Content       | ✓ Ribbon Cuttings |



## Student Engagement



Opportunities for Student Engagement:

- ✓ Hands-on Activities (i.e. Solar Cars)
- ✓ Earth Day Celebration
- ✓ Support AVID Programs



## Funding



- ✓ Maximize SVUSD's Prop 39 Allocation (\$490,103)
- ✓ Leverage annual savings to secure financing for a term up to 20 years

## Scope of Work

Facility Enhancement Measure	District Office	Newberry Springs	Silver Valley HS	Yermo School	AEC	Colin Powell	Lewis	Fort Irwin MS	Tierfort View
Lighting									
Upgrade Interior Lighting									
Upgrade Exterior Lighting									
Replace Classroom & Office Occupancy Sensors									
Automation and Control									
Retro-Commission / Optimize Existing Carrier System									
Add HVAC Units to Carrier System									
Heating, Ventilation, Air Conditioning									
Replace Antiquated HVAC Units									
Building Envelope									
Install New MPR Ceilings (Dropped Ceiling/ Replace Tiles)									
Miscellaneous									
Provide Visibility into Fort Sub-Metering Data									

## Financial Impact

- **Bottom Line:** Grant funding and leveraged savings fully funds these needed improvements and generates a positive ROI
  - Over 20 years, creates over \$7M of savings
- **Project Cost: \$3,998,746**
  - SVUSD is contributing \$490,103 up-front (Prop 39 Grant)
- **Total Savings:**
  - Guaranteed Annual Savings: \$190,046
  - Projected Annual Savings: \$221,538
  - Projected M&O Savings: \$58,569

## Additional Project Benefits

- ✓ **Final Fixed Cost:** Schneider Electric will not charge change orders.
- ✓ **Guaranteed Savings:** Schneider Electric guarantees the annual energy savings. If savings are not realized by the District, Schneider Electric will cover the shortfall.
- ✓ **Strong Emphasis on Commissioning and Training:** We will ensure the existing Building Automation System is commissioned properly and we will train SVUSD staff to operate and maintain the updated system.



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## Why Schneider Electric?

*Leveraging efficiency to help you achieve your vision*

### Experienced

- **700+ projects** nationwide over the last 26 years – **60% K-12**
- **\$2 billion** in construction experience; **0% litigation rate**
- Secured over **\$70 million of Prop 39 funding**
- **Fixed price contract** – No Schneider initiated change orders
- **\$4.7 million in annual energy savings** for California K-12 schools
- California client survey results:
  - **Client satisfaction score – 9.3**
  - **Net promoter score – 10**

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# Why Schneider Electric?

*Leveraging efficiency to help you achieve your vision*

## Industry Leader

- Ranked #1 Energy Services Company (ESCO) in 2017 by third party research firm



## Trusted Partner

- Highly successful partnerships with local districts
  - Snowline Joint USD
  - Victor Elementary SD



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# Questions

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