PROPOSED RENOVATION SCOPE:
- Add air conditioning to entire building (except gymnasium)

BUDGET ESTIMATE: $935,770
(Construction Costs)
- Replace rooftop unit to provide A/C (6 ton unit) $31,350
- Replace rooftop unit to provide A/C (12.5 ton unit) $367,950
- Replace H&V Unit (6,000 cfm unit) $41,470
- Replace Classroom Unit Ventilators to Provide A/C $496,000

GENERAL NOTES:
- Upgrade electrical Service
- ** Unit requires new controls only, not replacement.
- Modifying electrical distribution to accommodate new mechanical units
- Casework will need to be modified to accommodate new vertical unit ventilators
- Louvers will be removed and existing soffit to be patched and painted to match existing adjacent.
- Floor patching required in classrooms where vertical UV are replacing horizontal units (3 Locations)

LEGEND:
- Replace vertical classroom unit ventilator to provide A/C
- Replace horiz classroom unit ventilator to provide A/C and provide new ductwork, ceiling, and lights
- Existing unit to be replaced
- Existing unit to remain
- Existing area of A/C
- Area of Carpet Replacement

CLEAR LAKE ELEMENTARY SCHOOL
**BUDGET ESTIMATE:**  
$632,390  
(Construction Costs)

- Replace PK Boilers $165,000
- Replace Classroom Unit Ventilators to Provide A/C $115,500
- Replace Classroom Unit Ventilators to Provide A/C And new ductwork $237,600
- Replace Unit to Provide A/C $62,700
- Replace Corridor Carpet (6,700 sq.ft.) $51,590

**PROPOSED RENOVATION SCOPE**

- Add air conditioning to entire building (except gymnasium)
- Carpet replacement in corridors
- Replace building boiler system

**LEGEND:**
- Replace vertical classroom unit ventilator to provide A/C
- Replace horiz classroom unit ventilator to provide A/C and provide new ductwork, ceiling, and lights
- Existing unit to be replaced
- Existing unit to remain
- Existing area of A/C
- Area of carpet replacement

**GENERAL NOTES:**

- Floor replacement in classrooms where vertical UV are replacing horizontal units.
- Casework modifications are required due to new ventilator in Art Room
- Second floor Classroom headers to be removed to accommodate new unit ventilators
- Modifying electrical distribution to accommodate new mechanical units.

DANIEL AXFORD ELEMENTARY SCHOOL
PROPOSED RENOVATION SCOPE:
- Add air conditioning to entire building (except gymnasium)

LEGEND:
- Replace vertical classroom unit ventilator to provide A/C
- Existing unit to be replaced
- Existing unit to remain, new controls only.
- Existing area of A/C
- Area of carpet replacement

BUDGET ESTIMATE: $539,770 (Construction Costs)
- Replace Classroom Unit Ventilators to Provide A/C $396,000
- Replace Ceiling Hung UV to Provide A/C $62,700
- Replace Rooftop Unit to Provide A/C $37,950
- Replace HVAC / DX Unit (10,000 cfm unit) $43,120

GENERAL NOTES:
- Both RTU’s in the gym and cafeteria are to be replaced (4 in total).
- Ceiling hung unit will be replaced with a rooftop unit.
- Interior UV’s require rooftop condensers (curb exist).
- Modifying electrical distribution to accommodate new mechanical units
- Walk-in units are to be added to the generator
**BUDGET ESTIMATE:**

$803,000  
*(Construction Costs)*

- Replace Building HVAC controls for Classroom Unit Ventilators & AHU’s $185,900
- Replace Classroom Ventilator to Provide A/C $429,000
- Replace Rooftop Unit to Provide A/C (7.5 ton unit) $188,100

**PROPOSED RENOVATION SCOPE:**

- Add air conditioning to entire building (except gymnasium)

**LEGEND:**

- Replace vertical classroom unit ventilator to provide A/C
- Replace horiz unit ventilator (HWH / DX) with vertical UV and provide new ductwork, ceiling, and lights
- Existing unit to be replaced
- Existing unit to remain
- Existing area of A/C
- Area of carpet replacement

**GENERAL NOTES:**

- Kitchen/Office unit to be replaced and relocated to the roof, as indicated.
- Gym/Café H&V unit to be replaced and moved (in order to access the adjacent HVAC unit.)
- Floor patching required in classrooms where vertical UV are replacing horizontal units.
- Modifying electrical distribution to accommodate new mechanical units

*Leonard Elementary School*
**LEGEND:**
- Red: Replace vertical classroom unit ventilator to provide A/C
- Orange: Replace vertical unit ventilator with new vertical DX unit and provide new ductwork, ceiling, and lights
- Red: Existing unit to be replaced
- Blue: Existing unit to remain
- Yellow: Existing area of A/C
- Yellow: Existing vertical unit ventilator (HWH / DX). Alternate pricing requested for replacement costs.

**PROPOSED RENOVATION SCOPE:**
- Add air conditioning to entire building (except gymnasium)

**BUDGET ESTIMATE:**

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Replace Classroom Ventilator to Provide A/C</td>
<td>$363,000</td>
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<tr>
<td>Replace Rooftop Unit to Provide A/C (4 ton unit)</td>
<td>$62,700</td>
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<tr>
<td>Replace Rooftop Unit to Provide A/C</td>
<td>$66,000</td>
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**GENERAL NOTES:**
- Units require new controls only, not replacement.
- Modifying electrical distribution to accommodate new mechanical units.

OXFORD ELEMENTARY SCHOOL
PROPOSED RENOVATION SCOPE
- Replace rooftop air handling unit serving 300, 400, & 500 classroom wings
- Replace roofing at end of their life cycle

BUDGET ESTIMATE: $3,080,000
(Construction Costs)
- Replace Roofing $2,310,000
- Replace AHU #1 that supplies 300, 400 & 500 Wings $770,000

LEGEND:
- Red: Replace rooftop unit to provide a/c (Replace existing unit, add 2 additional units)
- Blue: New rooftop unit locations
- Yellow: Existing Flat Roof Area to be re-surfaced
- Green: Existing shingled roof area to be replaced

GENERAL NOTES:
- All VAV boxes and controls to be replaced in original section of building (area that new RTUs will serve).
- (15) Cabinet unit heaters to be replaced. Locations TBD
# Project Schedule

<table>
<thead>
<tr>
<th>Year</th>
<th>Jan</th>
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**Biennium & Dates**

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**Meetings & Presentations**

- Board Meetings (presentations in yellow)
- Faculty Planning Committee Meeting

**Bond & Elementary School Work Revisions**

- District Afurance Elementary 17238-1991
- Infrastructure Improvements for adding AC
- Inspect - Lower Corner
- Boiler Replacement

- Chula Vista Elementary 17236-1002
- Infrastructure Improvements for adding AC

- Lakeside Elementary 17236-1085
- Infrastructure Improvements for adding AC

- Leonard Elementary 17236-1024
- Infrastructure Improvements for adding AC

- Oxford Elementary 17238-1005
- Infrastructure Improvements for adding AC

- Oxford High School 17238-2060
- Roofing Replacement
- Audit #1 Replacement (200, 400 & 5th Wing)

**Schematic Design**

- Develop Design concept
- Site Visits to review scope
- Print SD Package for review & estimating (SD)
- Estimating Development (CRA)
- Estimate Reconciliation

**Design Development**

- Print DD Package for review & estimating (DD)
- Estimating Development (CRA)
- Estimate Reconciliation

**Construction Documents**

- Print 90% Package for review & estimating (90%) Estimating Development (CRA)
- Estimate Reconciliation
- Pick-up CD Comments & issue for bidding

**Bid & Award**

- Bid and Award

**Construction**

- Construction Timeline
THANK YOU