Irvine Unified School District

Measure E

Citizens Oversight Committee Meeting

January 9, 2017
6:30pm
Financial Update

FUNDING
- Series 2016A
  - Bond sale completed and funds received October 25, 2016
  - Interest Costs – 2.898%
  - Bonds Issued at Premium – Total Proceeds: $101,690,483
  - Project Funds Available: $95,000,000
  - Premium to be applied to Interest: $6,690,483

FINANCIAL REPORTING
- County of Orange Treasurer-Tax Collector – Official Receipt of Funds and Application Certification
- Consolidated Budget Status Report by Fund
- Budget Status Report
Focus Areas

- ESTABLISH BEST PRACTICES
- HIRE CONSULTANTS
- COMMUNICATE WITH SITES AND COMMUNITY
- PLAN AND IMPLEMENT PROJECTS
Best Practices

- SELECTING CONSULTANTS
  - Outreach to local firms and experts in specific services
  - Ensure fairness in selection

- UPDATING PROJECT BUDGETS
  - Preliminary → Initial → Post-Bid → Final
  - Distribution of contingency

- CONFIRMING DISTRICT STANDARDS
  - Ensure designs reflect current Education Specifications
  - Ensure designs ‘fit’ within the school site communities
Consultant Pools

PURPOSE / PROCESS

- Create pools of firms with specific expertise
- Select firms experienced in educational projects
- Ensure competitiveness between consultants
- Distribute workload of consultants
- Induce creative thinking with designs
- Issue Request For Proposal (RFP) to 3 – 4 firms from pool
  - Select firm based on proposal, fee, and staffing
  - Qualification Based Selection (QBS), not lowest cost proposal
Consultant Pools

POOLS

- Architects with engineers as subconsultants
- Construction Managers
- Building Inspection (DSA Inspection)
- Materials Testing and Inspections
- Geotechnical and Soils Testing and Inspection
- Environmental Consulting
- Surveying
- Labor Compliance
- Commissioning (to be selected)
## Service Description

<table>
<thead>
<tr>
<th>Service</th>
<th>Responsibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architects (engineers)</td>
<td>Provides design and engineering services.</td>
</tr>
<tr>
<td>Construction Managers</td>
<td>Provides management services which include cost estimating, construction scheduling, drawing review, and oversight of construction contractors.</td>
</tr>
<tr>
<td>Building Inspection</td>
<td>Provides regulatory inspections of construction work to ensure contract and code compliance.</td>
</tr>
<tr>
<td>Materials Testing and Inspections</td>
<td>Provides regulatory testing of construction materials and special inspections (concrete, structural steel, etc.) to ensure contract and code compliance.</td>
</tr>
<tr>
<td>Geotechnical and Soils Testing and Inspection</td>
<td>Prepares geotechnical report recommending design criteria for building foundations and site concrete/asphalt. Provides inspections (soils compaction) to ensure contract compliance.</td>
</tr>
<tr>
<td>Environmental Consulting</td>
<td>Identifies and conducts testing of potential harmful building materials that may be affected during construction. If building materials are identified, provides monitoring for the removal of these materials.</td>
</tr>
<tr>
<td>Surveying</td>
<td>Provides land surveying requirements for construction.</td>
</tr>
<tr>
<td>Labor Compliance</td>
<td>Reviews workers’ payroll records ensuring construction firms are paying prevailing wages to workers.</td>
</tr>
<tr>
<td>Commissioning</td>
<td>Verifies final installation of mechanical, plumbing, electrical, fire/life safety, and building envelope systems to ensure performance is per the design.</td>
</tr>
<tr>
<td>Firm</td>
<td>Local Office</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Baker Nowicki</td>
<td>San Diego</td>
</tr>
<tr>
<td>DC Architects</td>
<td>Upland</td>
</tr>
<tr>
<td>DLR Group</td>
<td>Los Angeles</td>
</tr>
<tr>
<td>Dougherty + Dougherty</td>
<td>Costa Mesa</td>
</tr>
<tr>
<td>Harley Ellis Devereaux</td>
<td>Los Angeles</td>
</tr>
<tr>
<td>HMC Architects</td>
<td>Ontario</td>
</tr>
<tr>
<td>LPA, Inc.</td>
<td>Irvine</td>
</tr>
<tr>
<td>PJHM Architects</td>
<td>Laguna Hills</td>
</tr>
<tr>
<td>Rachlin Architects</td>
<td>Culver City</td>
</tr>
<tr>
<td>Ruhnau Ruhnau Clarke</td>
<td>Riverside</td>
</tr>
<tr>
<td>Sprotte + Watson Architecture &amp; Planning</td>
<td>Vista</td>
</tr>
<tr>
<td>SVA Architects</td>
<td>Santa Ana</td>
</tr>
<tr>
<td>tBP Architecture</td>
<td>Newport Beach</td>
</tr>
<tr>
<td>Webb Cleff Architecture and Engineering</td>
<td>Encinitas</td>
</tr>
<tr>
<td>WLC Architects</td>
<td>Ontario</td>
</tr>
</tbody>
</table>
## Construction Managers (13)

<table>
<thead>
<tr>
<th>Firm</th>
<th>Local Office</th>
<th>Under Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arcadis U.S., Inc.</td>
<td>Irvine</td>
<td></td>
</tr>
<tr>
<td>Balfour Beatty</td>
<td>Irvine</td>
<td></td>
</tr>
<tr>
<td>Bernards</td>
<td>Irvine</td>
<td></td>
</tr>
<tr>
<td>C.W. Driver</td>
<td>Irvine</td>
<td></td>
</tr>
<tr>
<td>Cumming Construction Management</td>
<td>Alisio Viejo</td>
<td></td>
</tr>
<tr>
<td>Erickson-Hall Construction</td>
<td>Orange</td>
<td></td>
</tr>
<tr>
<td>Jacobs Project Management Co.</td>
<td>Irvine</td>
<td></td>
</tr>
<tr>
<td>Kitchell</td>
<td>Costa Mesa</td>
<td></td>
</tr>
<tr>
<td>Ledesma &amp; Meyer Construction Co., Inc.</td>
<td>Rancho Cucamonga</td>
<td></td>
</tr>
<tr>
<td>Neff Construction, Inc.</td>
<td>Ontario</td>
<td></td>
</tr>
<tr>
<td>TELACU Construction Management</td>
<td>Orange</td>
<td></td>
</tr>
<tr>
<td>Tilden-Coil Constructors</td>
<td>Riverside</td>
<td></td>
</tr>
<tr>
<td>Vanir Construction Management, Inc.</td>
<td>Costa Mesa</td>
<td></td>
</tr>
</tbody>
</table>
# Building Inspection (15)

<table>
<thead>
<tr>
<th>Firm</th>
<th>Local Office</th>
<th>Under Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td>BPI Inspection Services</td>
<td>Los Angeles</td>
<td></td>
</tr>
<tr>
<td>Consolidated Safety Services</td>
<td>Canyon Country</td>
<td></td>
</tr>
<tr>
<td>Consulting and Inspection Services LLC</td>
<td>San Marcos</td>
<td></td>
</tr>
<tr>
<td>Hayer Consultants, Inc.</td>
<td>Lakewood</td>
<td></td>
</tr>
<tr>
<td>H.B.I. Inspections</td>
<td>Chino Hills</td>
<td></td>
</tr>
<tr>
<td>JRoss Quality Assurance</td>
<td>Wildomar</td>
<td></td>
</tr>
<tr>
<td>Knowland Construction Services</td>
<td>Rancho Palos Verde</td>
<td></td>
</tr>
<tr>
<td>Martin Brothers Construction Services</td>
<td>Costa Mesa</td>
<td></td>
</tr>
<tr>
<td>M.J. Inspection Services LLC</td>
<td>Moreno Valley</td>
<td></td>
</tr>
<tr>
<td>Sandy Pringle Associate Inspection Consul.</td>
<td>Torrance</td>
<td></td>
</tr>
<tr>
<td>SGIC, Inc.</td>
<td>Fontana</td>
<td></td>
</tr>
<tr>
<td>Team Inspections</td>
<td>Riverside</td>
<td></td>
</tr>
<tr>
<td>TYR, Inc.</td>
<td>Lakewood</td>
<td></td>
</tr>
<tr>
<td>UCMI, Inc.</td>
<td>Ladera Ranch</td>
<td></td>
</tr>
<tr>
<td>Vital Inspection Services, Inc.</td>
<td>Anaheim</td>
<td></td>
</tr>
</tbody>
</table>
# Material Testing/Inspection (15)

<table>
<thead>
<tr>
<th>Firm</th>
<th>Local Office</th>
<th>Under Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td>AESCO</td>
<td>Huntington Beach</td>
<td></td>
</tr>
<tr>
<td>American Engineering Laboratories, Inc.</td>
<td>La Habra</td>
<td></td>
</tr>
<tr>
<td>C.E.M. Lab Corp.</td>
<td>Irvine</td>
<td></td>
</tr>
<tr>
<td>Converse Consultants</td>
<td>Costa Mesa</td>
<td></td>
</tr>
<tr>
<td>Geocon West, Inc.</td>
<td>Irvine</td>
<td></td>
</tr>
<tr>
<td>Group Delta Consultants, Inc.</td>
<td>Irvine</td>
<td></td>
</tr>
<tr>
<td>Kleinfelder, Inc.</td>
<td>Irvine</td>
<td></td>
</tr>
<tr>
<td>Koury Engineering &amp; Testing, Inc.</td>
<td>Chino</td>
<td></td>
</tr>
<tr>
<td>Ninyo &amp; Moore</td>
<td>Irvine</td>
<td></td>
</tr>
<tr>
<td>River City Testing</td>
<td>Riverside</td>
<td></td>
</tr>
<tr>
<td>RMA Group</td>
<td>Rancho Cucamonga</td>
<td></td>
</tr>
<tr>
<td>SCST, Inc.</td>
<td>Pico Rivera</td>
<td></td>
</tr>
<tr>
<td>Southwest Inspection &amp; Testing, Inc.</td>
<td>La Habra</td>
<td></td>
</tr>
<tr>
<td>Twining Consulting</td>
<td>Irvine</td>
<td></td>
</tr>
<tr>
<td>United Testing Corporation</td>
<td>Costa Mesa</td>
<td></td>
</tr>
</tbody>
</table>
# Geotechnical/Soils Testing (15)

<table>
<thead>
<tr>
<th>Firm</th>
<th>Local Office</th>
<th>Under Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advance Geotechnical Solutions, Inc.</td>
<td>Tustin</td>
<td></td>
</tr>
<tr>
<td>Converse Consultants</td>
<td>Monrovia</td>
<td></td>
</tr>
<tr>
<td>Earth Systems Southwest</td>
<td>Perris</td>
<td></td>
</tr>
<tr>
<td>EN GEO</td>
<td>Rocklin</td>
<td></td>
</tr>
<tr>
<td>Geo-Advantec, Inc.</td>
<td>San Dimas</td>
<td></td>
</tr>
<tr>
<td>Geocon West, Inc.</td>
<td>Irvine</td>
<td></td>
</tr>
<tr>
<td>Group Delta</td>
<td>Anaheim</td>
<td></td>
</tr>
<tr>
<td>Kleinfelder</td>
<td>Irvine</td>
<td></td>
</tr>
<tr>
<td>Koury Engineering &amp; Testing, Inc.</td>
<td>Chino</td>
<td></td>
</tr>
<tr>
<td>Ninyo &amp; Moore</td>
<td>Irvine</td>
<td></td>
</tr>
<tr>
<td>NMG Geotechnical, Inc.</td>
<td>Irvine</td>
<td></td>
</tr>
<tr>
<td>RMA Group</td>
<td>Rancho Cucamonga</td>
<td></td>
</tr>
<tr>
<td>SCST Engineering, Inc.</td>
<td>San Diego</td>
<td></td>
</tr>
<tr>
<td>Southwest Inspection &amp; Testing, Inc.</td>
<td>La Habra</td>
<td></td>
</tr>
<tr>
<td>Twining Consulting, Inc.</td>
<td>Irvine</td>
<td></td>
</tr>
<tr>
<td>Firm</td>
<td>Local Office</td>
<td>Under Contract</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>--------------------</td>
<td>----------------</td>
</tr>
<tr>
<td>BFK Engineers</td>
<td>Irvine</td>
<td></td>
</tr>
<tr>
<td>Culver Group</td>
<td>Tustin</td>
<td></td>
</tr>
<tr>
<td>Guida Surveying, Inc.</td>
<td>Irvine</td>
<td></td>
</tr>
<tr>
<td>Fusco Engineering, Inc.</td>
<td>Irvine</td>
<td></td>
</tr>
<tr>
<td>Hunsaker &amp; Associates, Inc.</td>
<td>Irvine</td>
<td></td>
</tr>
<tr>
<td>JL Surveying, Inc.</td>
<td>San Juan Capistrano</td>
<td></td>
</tr>
<tr>
<td>Stantec Consulting Services, Inc.</td>
<td>Irvine</td>
<td></td>
</tr>
<tr>
<td>Tait &amp; Associates, Inc.</td>
<td>Santa Ana</td>
<td></td>
</tr>
</tbody>
</table>
### Labor Compliance (7)

<table>
<thead>
<tr>
<th>Firm</th>
<th>Local Office</th>
<th>Under Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alliant Consulting, Inc.</td>
<td>Lancaster</td>
<td></td>
</tr>
<tr>
<td>Gafcon, Inc.</td>
<td>San Diego</td>
<td></td>
</tr>
<tr>
<td>Kroll</td>
<td>Los Angeles</td>
<td></td>
</tr>
<tr>
<td>Pacific Resources Services Corp.</td>
<td>El Monte</td>
<td></td>
</tr>
<tr>
<td>Parsons</td>
<td>Pasadena</td>
<td></td>
</tr>
<tr>
<td>Perceptive Enterprises, Inc.</td>
<td>Los Angeles</td>
<td></td>
</tr>
<tr>
<td>School Construction Compliance, LLC</td>
<td>Huntington Beach</td>
<td></td>
</tr>
</tbody>
</table>
Communications

➢ SCHOOL SITES

▪ FP&CS Staff and Architects
  o Site walks and meetings with school site administrators
  o Meet with Design Committees
    • leadership, site administrators, teachers, PTA, parents
  o Tour completed schools to view Education Specifications

▪ School Site Website
  o Distribute Measure E messaging kit
  o Create micro-website for Measure E updates
    • will include plans, schedules, budgets, and photos
Communications

**DISTRICT WIDE**

- Update IUSD Website
  - Dedicated Measure E website
  - Link to school site webpage
- Announcements
  - Distribute newsletters, flyers
  - Publish on Measure E website and school site websites
- School Facilities Improvement Measure (SFIM) Steering Committee Meetings
  - Conduct Monthly Meetings
  - Assist with messaging throughout the District
Communications

CONTRACTORS

- Conduct an Outreach Meeting
  - Identify upcoming projects
  - Discuss contractor prequalification process
  - Discuss bid process

- Architects and Construction Managers will attend
  - Identify and meet consultants
  - Discuss scope of work
  - Answer questions
Project Updates

- PROJECTS ON SCHEDULE FOR SUMMER 2017
  - Enclose Classrooms (Architect: Ruhnau, Ruhnau, Clarke)
    - Bonita Canyon ES
    - Culverdale ES
    - Stone Creek ES
  - DSA Submittal in December 2016
  - Anticipated Construction start: June 2017
Bonita Canyon ES

Enclose Open Classrooms, Commons Upgrades

Scope-of-Work

- Add (9) new interior doors with sidelites to enclose open classrooms adjoining the student collaboration spaces (commons)
- Add solid walls in commons space (3 locations) for white board and TV monitor, interior classroom surface to be tackable panel. Surface mounted data and power to be concealed.
- (3) New exterior classroom doors
- Keep (1) sink in each commons, cap abandoned plumbing lines below slab, remove access box
- Restripe accessible parking stalls
- Upgrade ramp and handrails
- New louvers from classrooms to commons for air distribution

Project Status

DESIGN
Architect currently completing Design Documents and acquiring Site Representatives input

Upcoming Activities

- Architect to finalize drawings for DSA submission and confirm cost estimates against budget

Financial Overview

Total Project Cost
Initial $400,000
Current $446,000
Difference ($44,000)

Schedule

Site Visit/Kick-off 10/05/2016
DSA Prelim. Meeting 10/28/2016
Site Meeting 11/09/2016
DSA Submittal 12/16/2016
Site Meeting 01/10/2016
DSA Approval 03/24/2017
Start Construction June 2017
End Construction August 2017

Considerations

- Budget does not include new furniture, assumes reuse of existing furniture in the commons
- Principal to confirm if projector or TV monitor is preferred in the commons

January 9, 2017 | 19
**Culverdale ES**

**Enclose Open Classrooms**

**Scope-of-Work**
- At exterior facing classrooms, add (10) new doors where existing slider doors are located and ramps or modify the grades.
- At interior facing classrooms, add (10) new doors and ramps, modify existing classroom casework.
- At interior hallway, add (20) new doors and low walls.
- Restripe and provide new signage for accessible parking stalls in both parking lots.
- Upgrade student accessible restrooms, if required to meet current ADA clearances.
- Add acoustic treatment between the walls between the classrooms.

**Project Status**
**DESIGN**
Architect currently completing Design Documents and acquiring Site Representatives input.

**Upcoming Activities**
- Architect to finalize drawings for DSA submission and confirm cost estimates against budget.

**Financial Overview**
- Total Project Cost
  - Initial $2,595,000
  - Current $2,460,000
  - Difference $135,000

**Considerations**
- Budget to include new furniture in (2) commons and window blinds for perimeter classrooms.
- Address close out issues – IUSD IOR to evaluate conformance of restroom portables and (5) other classroom portables, may incur cost to close out projects, recommend to include any close out work in this project.
- Evaluate design of new casework in interior facing classrooms impacted by new exit doors.
- Evaluate work to open up the commons classroom access and remove the built-in counter.
- Evaluate adding a Kinder Restroom.
- Evaluate correcting flooding with re-grading along exterior facing classrooms.

**Schedule**
- Site Visit/Kick-off 10/05/2016
- DSA Prelim. Meeting 10/28/2016
- Site Meeting 11/09/2016
- DSA Submittal 12/16/2016
- Site Meeting 01/10/2017
- DSA Approval 03/24/2017
- Start Construction June 2017
- End Construction August 2017

**11/15/2016**
Insert photos/renderings

Stone Creek ES
Enclose Open Classrooms, Design Lab Addition, Upgrades to Innovation Lab

Project Summary
- At interior hallways, add (11) doors to classrooms
- Rework mechanical air duct system
- Restripe and provide new signage for accessible parking stalls
- Minimal work to restroom to meet accessibility requirements
- Extend handrails to meet accessibility requirements
- Potential requirement to address passenger loading zone at front drop-off – DSA input pending

See next page
- Remove existing wall in Library, add Storage Room, relocate circulation desk
- In Innovation Lab, add Storage and Video Room, additional projectors, whiteboards, flexible furniture, connection to Design Lab
- New Design Lab to provide storage for Science Kits, access to water, multiple projectors and white board surfaces, direct access to exterior and covered shaded area for working on projects
- Add 2 hour area separation wall to allow for Design Lab expansion to be connected to main building.
- Relocation of (1) existing portable and storage shed

Project Status
DESIGN
- Architect currently completing Design Documents and acquiring Site Representatives input

Upcoming Activities
- Architect to finalize drawings for DSA submission and confirm cost estimates against budget

Financial Overview
- Total Project Cost
  - Initial $2,945,000
  - Current $2,829,000
  - Difference $116,000

Schedule
- Site Visit/Kick-off 10/05/2016
- Site Meeting 10/21/2016
- Site Meeting 11/09/2016
- Site Meeting 12/06/2016
- DSA Submittal 12/16/2016
- DSA Approval (estimate) 03/24/2017
- Start Construction June 2017
- End Construction
  - For Enclose Classrooms August 2017
  - For Design Lab Expansion August 2018

DESIGN Architect currently completing Design Documents and acquiring Site Representatives input
Stone Creek ES
Measure E Series 1 Project
Enclose Open Classrooms, Design Lab Addition, Upgrades to Innovation Lab

Detail of Preliminary Floor Plans

Preliminary Exterior Elevation from Interior of the Campus

Preliminary Exterior Elevation from West Yale Loop

11/15/2016
PROJECTS ON SCHEDULE FOR SUMMER 2017

- Enclose Classrooms (Architect: Dougherty & Dougherty)
  - College Park ES
  - Greentree ES
  - Santiago Hills ES
- DSA Submittal in December 2016
- Anticipated Construction start: June 2017
**Scope-of-Work**

- Create rated corridors to exterior to allow open classrooms to be enclosed, evaluate adding slider doors into the new commons from the classrooms
- Reconfigure interior classrooms to Innovation & Music Labs and (3) Commons spaces surrounding a cluster of classrooms
- Add (5) classrooms as a result of the reconfiguration
- Modify the mechanical system for new room layout
- Minimal upgrades to the restrooms to meet accessibility requirements
- CEQA study required; exceeding 10 portables

**Financial Overview**

<table>
<thead>
<tr>
<th>Construction Cost</th>
<th>Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimate</td>
<td>Pending</td>
</tr>
<tr>
<td>Difference</td>
<td>Pending</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial</td>
</tr>
<tr>
<td>Current</td>
</tr>
<tr>
<td>Difference</td>
</tr>
</tbody>
</table>

| Project contingency | $173,000 |
| Program contingency | Not Used |

**Considerations**

- New Furniture budgeted for the new reconfigured spaces; (3) commons, Innovation & Music Lab
- Reuse existing furniture in the new portable classrooms
- Evaluate cost to add (2) exterior doors in ELL and 2/3 classroom to allow for direct access to commons
- Evaluate cost to expand (2) smaller sized 1st grade classrooms
- Evaluate cost to provide slider doors from classrooms into Library
- Recommend leased portable classrooms and move up Series 4 work to include new modular classroom design
- Significant amount of summer work, anticipate increased bids for expedited construction schedule

**Schedule**

- Site Visit/Kick-off: 10/05/2016
- Site Meeting: 10/19/2016
- DSA Prelim. Meeting: 10/28/2016
- Site Meeting: 11/16/2016
- DSA Submittal: 12/16/2016
- DSA Approval: 03/24/2017
- Start Construction: June 2017
- End Construction: August 2017
**Greentree ES**

**Enclose Open Classrooms, Level Floor in MPR**

**Scope-of-Work**
- Add new doors with glazed storefront walls to enclose open classrooms adjoining the student collaboration spaces (commons)
- Shift existing operable walls and fix to one side of the workroom
- Remove existing stove and casework
- Upgrade (1) restroom, additional accessibility requirements may be required to meet minimum 20% criteria – DSA input
- Add return grilles in classrooms once the doors and glazed storefront walls are added
- Infill existing MPR floor, add power and data floor outlets and new carpet
- Confirm existing sprinkler and fire device layout coordinates with new walls

**Financial Overview**
- **Construction Cost**
  - Budget: $2,430,000
  - Estimate: $2,430,000
  - Difference: $0
- **Total Project Cost**
  - Initial: $3,306,000
  - Current: $3,306,000
  - Difference: $0
- **Project contingency**: $121,000
- **Program contingency**: Not Used

**Schedule**
- Site Visit/Kick-off: 10/05/2016
- DSA Prelim. Meeting: 10/28/2016
- Site Meeting: 11/09/2016
- DSA Submittal: 12/16/2016
- DSA Approval: 03/24/2017
- Start Construction: June 2017
- End Construction: August 2017

**Considerations**
- Budget includes new furniture, in the five commons
- Confirm if all the workrooms are needed and if the operable walls are to remain, impacts new furniture layout
- Review possible location of projector and white board in commons area

**January 9, 2017 | 25**
Santiago Hills ES
Enclose Open Classrooms, Commons Upgrades

Scope-of-Work

• Add new doors to enclose open classrooms adjoining the student collaboration spaces (commons)
• Open up center commons, maintain existing electrical and HVAC control panel locations, relocation of fire alarm panels, remove sinks and provide (2) new sinks, connect condensate drain to sewer line and new floor finishes in each commons space
• New white boards and projector, new lighting and ceilings, upgrades to the air supply ducts and piping in the commons space
• Create a new staff workroom within the building
• Minimal upgrades to restrooms
• Confirmation of the “horizontal exit” for two classrooms with interior exiting only

Financial Overview

<table>
<thead>
<tr>
<th>Construction Cost</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Budget</td>
<td>$1,120,000</td>
</tr>
<tr>
<td>Estimate</td>
<td>$904,000</td>
</tr>
<tr>
<td>Difference</td>
<td>$216,000</td>
</tr>
</tbody>
</table>

Total Project Cost

<table>
<thead>
<tr>
<th>Initial</th>
<th>Current</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,523,000</td>
<td>$1,472,000</td>
<td>$51,000</td>
</tr>
</tbody>
</table>

Project contingency | $45,000 |
Program contingency | Not Used |

Considerations

• Budget includes new furniture and mobile storage units in (3) commons spaces
• Confirm location of staff workroom
• Confirm number of sinks needed
• Unclear if (2) interior exiting classrooms comply with approved “horizontal exit” criteria, potential cost impact to fix
• Limited in the extent of opening up the commons due to the exiting requirements when the room exceeds 1000 sf

Schedule

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Visit/Kick-off</td>
<td>10/05/2016</td>
</tr>
<tr>
<td>DSA Prelim. Meeting</td>
<td>10/28/2016</td>
</tr>
<tr>
<td>Site Meeting</td>
<td>11/09/2016</td>
</tr>
<tr>
<td>DSA Submittal</td>
<td>12/16/2016</td>
</tr>
<tr>
<td>DSA Approval</td>
<td>03/24/2016</td>
</tr>
<tr>
<td>Start Construction</td>
<td>June 2017</td>
</tr>
<tr>
<td>End Construction</td>
<td>August 2017</td>
</tr>
</tbody>
</table>
Santiago Hills ES
Enclose Open Classrooms, Commons Upgrades

January 9, 2017 | 27
Project Updates

> PROJECTS IN PLANNING

- **High School Modernizations** *(Architect: HMC Architects)*
  - Irvine HS and University HS

- **Elementary School Modernizations** *(Architect: Webb Cleff)*
  - Brywood ES, Meadow Park ES

- **Elementary School Modernizations** *(Architect: Sprotte + Watson)*
  - Westpark ES, Springbrook ES

- **Classroom Expansion** *(Architect: DLR Group)*
  - Eastshore ES and Venado MS

- **New Theater** *(Architect: SVA Architects)*
  - Woodbridge HS
Project Updates

➢ UPCOMING PROJECTS

▪ Classroom Expansion (Architect: Ruhnau, Ruhnau, Clarke)
  ○ Creekside HS

▪ Middle School Science Labs (Architect: WLC Architects)
  ○ Lakeside MS, Rancho San Joaquin MS

▪ Middle School Science Labs (Architect: tBP Architects)
  ○ Sierra Vista MS, Southlake MS

▪ Interim Campuses (Architect: tbd)
  ○ Westwood Basics and El Camino School

▪ Athletic Field Upgrades (Architect: tbd)
  ○ Northwood HS
Project Updates

➤ $9.0 BILLION PASSED IN PROPOSITION 51 (STATE)

➤ $23.0 BILLION PASSED IN 2016 CA BONDS (LOCAL)
  ▪ $1.7 Billion in Orange County

➤ UNIQUE CHALLENGES
  ▪ Competition with local districts
  ▪ Higher construction costs
  ▪ Consultants extremely busy
  ▪ Demand for skilled workers
  ▪ Inexperienced contractors